

## **Historic, Archive Document**

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VEGETABLE  
SEED TRIALS  
HORTICULTURE

SEEDS

*"Nature's Best"*



JAN 14 1933

1933

ABBOTT & COBB

4655-61 PAUL STREET

FRANKFORD, PHILADELPHIA, PA.

**Special Notice.** When ordering seed by mail, be careful to give your Name, Post Office, County, State, and Express Office, that your order may go forward without delay. We will pay the postage on seeds forwarded by Parcel Post as quoted by the Ounce, Quarter Pound, or Pound, when cash accompanies the order. This does not include articles as quoted in five- or ten-pound lots. If Peas, Beans, and Corn are to be forwarded by Parcel Post, add postage as per zone rates.

**Terms of Guarantee.** We give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants we sell, and we will not be in any way responsible for them. If the purchaser does not accept the goods on these terms they are to be returned at once, and if the money has been paid for them, it will be refunded.

ABBOTT & COBB.

### QUANTITY OF SEEDS REQUIRED TO SOW A SINGLE ROW OF 100 YARDS

Asparagus.....	8 oz.	Eggplant.....	1 oz.	Parsley.....	2 oz.
Beans, Bush.....	6 lbs.	Endive.....	2 oz.	Peas.....	6 lbs.
Beans, Pole.....	3 lbs.	Leek.....	2 oz.	Pepper.....	1 oz.
Beets.....	5 oz.	Lettuce.....	2 oz.	Pumpkin.....	2 oz.
Cabbage.....	2 oz.	Melon, Water.....	3 oz.	Radish.....	6 oz.
Carrot.....	3 oz.	Melon, Citron.....	2 oz.	Salsify.....	4 oz.
Cauliflower.....	½ oz.	Okra.....	12 oz.	Spinach.....	6 oz.
Chinese Cabbage.....	2 oz.	Onion for Sets.....	8 oz.	Squash.....	3 oz.
Celery.....	3 oz.	Onion for Large Bulbs.....	2 oz.	Tomato.....	1 oz.
Corn.....	1 lb.	Parsnip.....	3 oz.	Turnip.....	3 oz.
Cucumber.....	4 oz.				

### GRASS SEEDS TO THE ACRE

Red Clover.....	10 to 15 lbs.	Crimson Clover.....	12 to 15 lbs.	Rye Grass.....	1½ to 2 bus.
White Clover (Dutch).....	10 lbs.	Timothy.....	12 lbs.	Orchard Grass.....	1½ to 2 bus.
Alfalfa or Lucerne.....	20 lbs.	Hungarian Grass.....	1 bus.	Redtop Grass.....	1½ to 2 bus.
Alsike Clover.....	12 lbs.	Pasture Grass.....	2½ to 3 bus.	Mixed Lawn Grass.....	5 bus.
Sweet Clover.....	25 lbs.	Blue Grass.....	2 to 3 bus.	Millet.....	1 bus.

### QUANTITY OF SEEDS USUALLY SOWN UPON AN ACRE

Barley, broadcast.....	2 to 3 bus.	Mustard, broadcast.....	½ bus.	Sage, in drills.....	8 to 10 lbs.
Beans, Dwarf, in drills... 1½ bus.		Melon, Musk, in hills... 2 to 3 lbs.		Salsify, in drills.....	8 to 10 lbs.
Beans, Pole, in hills... 10 to 12 qts.		Melon, Water, in hills... 4 to 5 lbs.		Spinach, in drills.....	10 to 12 lbs.
Beets, in drills.....	5 to 6 lbs.	Oats, broadcast.....	2 to 3 bus.	Squash, Bush, in hills... 4 to 6 lbs.	
Broom Corn, in hills... 8 to 10 qts.		Onions, in drills.....	5 to 6 lbs.	Squash, Running, in hills 3 to 4 lbs.	
Buckwheat.....	1 bus.	Onion Sets, in drills... 6 to 12 bus.		Sugar-Cane or Sorghum	
Cabbage, in beds, to trans- plant.....	¼ lb.	Onion Seeds, in drills... 6 to 12 lbs.			10 to 12 lbs.
Carrots, in drills.....	3 to 4 lbs.	Parsnips, in drills.....	4 to 6 lbs.	Sudan Grass, broadcast 16 to 24 lbs.	
Corn, in hills.....	8 to 10 qts.	Peas, in drills.....	1½ bus.	Sudan Grass, in rows... 2 to 3 lbs.	
Corn, for fodder.....	3 bus.	Peas, broadcast.....	3 bus.	Tomato, to transplant..... ¼ lb.	
Cowpeas.....	1½ to 2 bus.	Potatoes, cut tubers.....	10 bus.	Turnip, in drills.....	½ to 2 lbs.
Cucumber, in hills.....	2 lbs.	Pumpkins, in hills... 4 to 6 lbs.		Turnip, broadcast.....	3 to 4 lbs.
Flax, broadcast.....	1½ bus.	Radish, in drills.....	8 to 10 lbs.	Vetches, broadcast.....	30 lbs.
Lettuce.....	3 lbs.	Rye, broadcast.....	1¼ to 2 bus.	Wheat, broadcast... 1½ to 2 bus.	

### PARCEL POST RATES

**WEIGHT LIMIT.** The weight limit within the first, second and third zones is now 70 pounds, and within all other zones 50 pounds. Shipments of 20 pounds or over are cheaper if sent by express beyond the second zone.

#### DOMESTIC PARCEL POST RATES

	First pound or fraction	Each additional pound or fraction
Within the United States and Possessions		
First zone, within 50 miles of Philadelphia.....	8 cts.	1 ct.
Second zone, within 50 to 150 miles of Philadelphia.....	8 cts.	1 ct.
Third zone, within 150 to 300 miles of Philadelphia.....	9 cts.	2 cts.
Fourth zone, within 300 to 600 miles of Philadelphia.....	10 cts.	4 cts.
Fifth zone, within 600 to 1,000 miles of Philadelphia.....	11 cts.	6 cts.
Sixth zone, within 1,000 to 1,400 miles of Philadelphia.....	12 cts.	7 cts.
Seventh zone, within 1,400 to 1,800 miles of Philadelphia.....	14 cts.	9 cts.
Eighth zone, all over 1,800 miles of Philadelphia.....	15 cts.	11 cts.





In the picturesque valley of Pennypack Creek, in the heart of the most fertile farming region of Pennsylvania, we have established our seed-testing and trial-grounds

THREE hundred years ago the Pennypack Indians cultivated this beautiful valley. Time has not altered its beauty or impaired the famed fertility of its soil. Here we carefully test and improve our seed-stocks in order that we may offer selected strains adapted to the localities we serve. The list of varieties thus offered is shorter than some, but its very brevity is proof of the concentrated effort we have exerted to maintain and improve the quality of every item in it.

During these difficult times, some growers and some seedsmen are allowing their seed-stocks to suffer from lack of that meticulous and expensive care which is absolutely necessary to keep them to a high standard of excellence.

Do not be deceived into the belief that good seed can be obtained by casual methods, or that one or two crops grown from inferior seed do not matter. No market gardener who values his reputation can afford to lower standards these days. There are too many good growers ready to take advantage of his slightest slip.

That is why Abbott & Cobb's seeds are better today than ever before. There has been no relaxing of vigilance here. Every effort is put forth and no expense is spared to make our stocks the best seeds obtainable for the districts we serve.

*Top market prices from crops grown from A & C Special Strains*

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ABBOTT & COBB · Frankford · PHILADELPHIA, PA.

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Washington Asparagus

## ASPARAGUS

**GIANT GREEN.** An exceedingly fine strain, the seeds having been selected from the largest stalks in the field. Color is light green. The tops remain solid or closed longer than most varieties of Asparagus. We can highly recommend this seed for commercial purposes. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$8.50.

**COLUMBIA MAMMOTH WHITE.** Shoots of largest size and clear white. Most popular white variety. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$8.50.

**WASHINGTON.** Very productive, new, rust-resistant strain, selected by United States Department of Agriculture, and of extra-fine quality. Rich dark green stalks tinted darker at the tips. Will grow faster and cut earlier than any other variety. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$ lb. \$1; lb. \$3.50; 10 lbs. \$32.50.

## ASPARAGUS ROOTS

We can supply strong one and two-year-old roots of the following varieties:

	100	1,000
Giant Green.....	\$1 00	\$6 00
Columbia Mammoth White.....	1 00	6 00
Washington.....	1 50	10 00
Washington, Giant Roots.....	2 00	15 00

We can supply some very fine Asparagus Roots of Mary Washington grown on our own farms from extra-fancy stock selections at \$15 per 1,000.

Our supply of most of the special stocks which we are offering is usually exhausted before the planting season. It seems that the demand for well-rogued stocks is increasing every year. We urge our customers, therefore, to place their orders at once, especially for those varieties which are the most important, because of the impending difficulty to obtain good seed when the rush has begun.



A partial view of our Pennypack Valley Trial-Grounds, located at Bustleton, Pa.

**ABBOTT & COBB**  
Philadelphia, Pa.





Bountiful Beans

**CURRIE'S RUSTPROOF.** One of the earliest and most popular of the Wax or yellow Beans. Pods flat, sometimes 6 to 7 inches long. Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$2; 100 lbs. \$14.

**SURE-CROP STRINGLESS WAX.** This is one of the best flat, wax-podded sorts we know of, and a good, thrifty grower, producing an abundance of Beans 6 to 7 inches long. It is a sort that will fill the measure quickly and is rather easy to pick. This variety is not any more susceptible to rust than any other stock. We recommend it highly for commercial and home-garden use. Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$2; 100 lbs. \$14.

**WARDWELL'S KIDNEY WAX.** An old favorite. Long, straight, broad, brittle, almost stringless, light golden pods, borne in unusually large quantities. Good Bean for market. Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$2; 100 lbs. \$14.

## SOUP BEANS

**WHITE MARROWFAT.** Heavy producer of large, oval-shaped white Beans. A great favorite for baking or soup. Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$1.50; 100 lbs. \$12.

**WHITE KIDNEY.** Tall, erect plants bearing an abundance of large, showy pods filled with kidney-shaped, white Beans that do not discolor when cooked. A popular dry Shell Bean. We recommend growing these Beans in soil that is not too rich in order that the vines will stand erect, thus eliminating rusted or spotted Beans when they are harvested. Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$1.50; 100 lbs. \$12.

# Green-Podded Beans

**GIANT STRINGLESS.** Very productive, long, round-podded sort, maturing a trifle later than Red Valentine. Absolutely stringless. Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$1.50; 100 lbs. \$12.

**RED VALENTINE.** Earliest Bean of all, maturing in 6 to 7 weeks after planting. Pods are round and of medium length. Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$1.50; 100 lbs. \$12.

**BLACK VALENTINE.** Hardest and most productive green-podded Bean grown; strong, vigorous vines. Pods are somewhat flat and very long, making a fine appearance. The season is a trifle longer than that of Red Valentine. Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$1.50; 100 lbs. \$12.

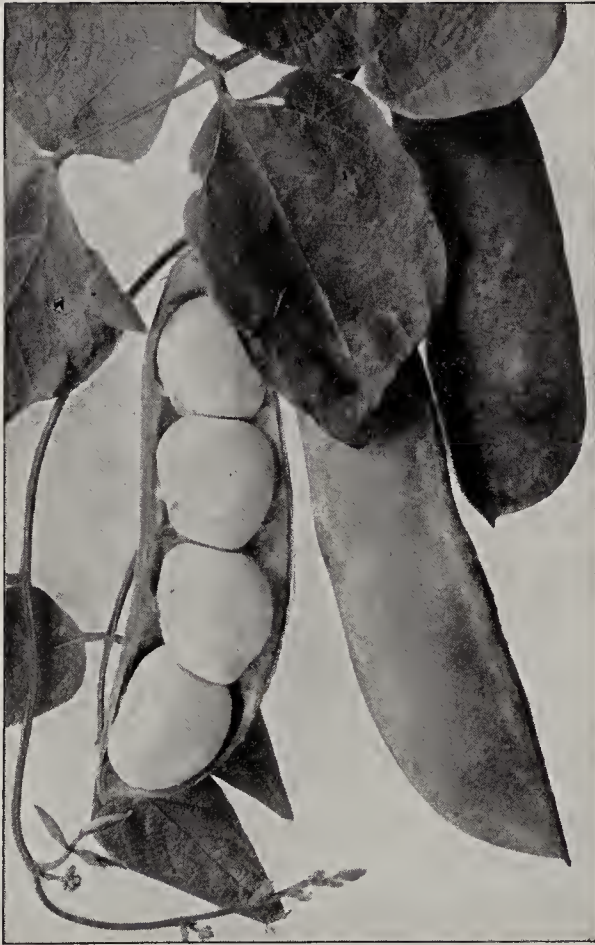
**BOUNTIFUL.** A very popular sort with the shipper because it is a prolific producer of flat and absolutely stringless pods of exceedingly fine quality. Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$1.50; 100 lbs. \$12.

## WAX-PODDED BEANS

**PENCIL-POD WAX.** A very popular Bean because of its unusually good quality. It is of superior flavor, very brittle, exceedingly tender, and absolutely stringless. Its productiveness, early maturity, and rust-resistant qualities have made it a great favorite. Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$2; 100 lbs. \$14.



Sure-Crop Stringless Wax Beans



Fordhook Bush Lima Beans

## LIMA BEANS

**FORDHOOK BUSH.** The heaviest cropping Bush Lima. It is ready to pick at least 2 weeks before the Pole Limas, bearing a prolific crop of good-sized pods, each with 3 to 5 large, thick, meaty Beans of excellent quality. Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$3; 100 lbs. \$26.

**FORD'S MAMMOTH (POLE).** Probably the largest-podded Lima Bean. They are very dark green, about 6 inches long, flat, and contain 4 or 5 Beans of fine quality in a pod. Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.75; 100 lbs. \$22.

**KING OF THE GARDEN (POLE).** So attractive that they usually bring better prices than most flat-podded Limas. It is the strongest growing, most productive of the large Limas. Pods are 5 to 6 inches long, each with 4 or 5 large, flat Beans. Two vines to each pole are enough. Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.75; 100 lbs. \$22.

**DREER'S IMPROVED (POLE).** A vigorous grower, freely producing very thick pods about 4 inches long, containing from 3 to 5 large, thick, and fine quality Beans. Later in maturing than most Lima Beans. Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.75; 100 lbs. \$22.

## BEETS

### Bastian's Half-Long

We have been working for some time to get a first-class stock of this variety. The roots are dark red, very smooth and uniform in shape, running a trifle longer than most stocks of this variety. The quality of this Beet is also very fine, retaining its tenderness longer than most varieties. Tops are rather heavy, making a fine, robust appearance while growing. This Beet is grown principally in and around Philadelphia County for winter or storage purposes.

Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$9

**EARLY WONDER.** An early-maturing variety with globe-shaped roots, dark flesh, and tops of medium size. A fine second-early or later variety for bunching. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.; 10 lbs. \$7.50.

**EARLY ECLIPSE.** A favorite second-early, following Crosby's Egyptian. Globe-shaped root; small tap-root. Good for storing in trenches. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.; 10 lbs. \$7.50.

**EARLY LENTZ.** One of the very best early Beets we know. Grown and selected by a Bucks County market gardener under our direction. He has gone to much trouble and expense to grow the finest stock for us; it can be relied upon to be absolutely true to type. Color rather light; quality excellent; top rather heavy. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$9.



Bastian's Half-Long Beet

ABBOTT & COBB  
Philadelphia, Pa.





Crosby's Egyptian (Special) Beets

## Beet, Crosby's Egyptian (Special)

For critical growers, we recommend this stock highly. It is extra early, dark red, with a medium-sized top, making it a fine variety for coldframes and outside use. We have not found another Beet that will equal this for bunching throughout the entire season. The fact that it does not crack under trying conditions is really important for bunching purposes. It has a fine globe shape.

Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$9

**MODEL RED GLOBE.** Similar to Eclipse, but a trifle later. Perfect globe shape, of uniform size, rich crimson color, and a fine and sweet flavor. Fine midseason variety. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.; 10 lbs. \$7.50.

## Herbs

**THYME, BROAD-LEAF ENGLISH.** Best variety known. Plant grows upright, making it easier to cut. Hardy. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

**SUMMER SAVORY.** Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

**SWEET MARJORAM.** Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

**DILL.** Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.

**FENNEL, FLORENCE.** Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.



New Early Beets

## Beet, New Early

An extremely early variety maturing at the same time as the Early Flat Egyptian but positively globe-shaped, dark in color, with a small top. We have made this special strain of Beet ourselves, and know that it is giving the best of results after three years with the market gardeners. For those producing Beets under glass, we cannot recommend this too highly. The stock is true. We do not recommend it for summer use, unless there is irrigation, as the tops are apt to be too small in dry weather. You should include this in your next spring's crop.

Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$9

## Mangel Beet for Stock-Feeding

**LONG RED.** This mammoth-yielding variety produces its roots largely above ground, making them easy to harvest. A desirable cow-feed to increase milk-flow. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.; 10 lbs. \$4.

**GOLDEN TANKARD.** Roots are very large; flesh yellow, zoned with white. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.; 10 lbs. \$4.

**CHIRK CASTLE.** Very large, long, red variety, somewhat sweeter than Mammoth Long Red. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.; 10 lbs. \$4.





Our new strain of Detroit Dark Red Beets

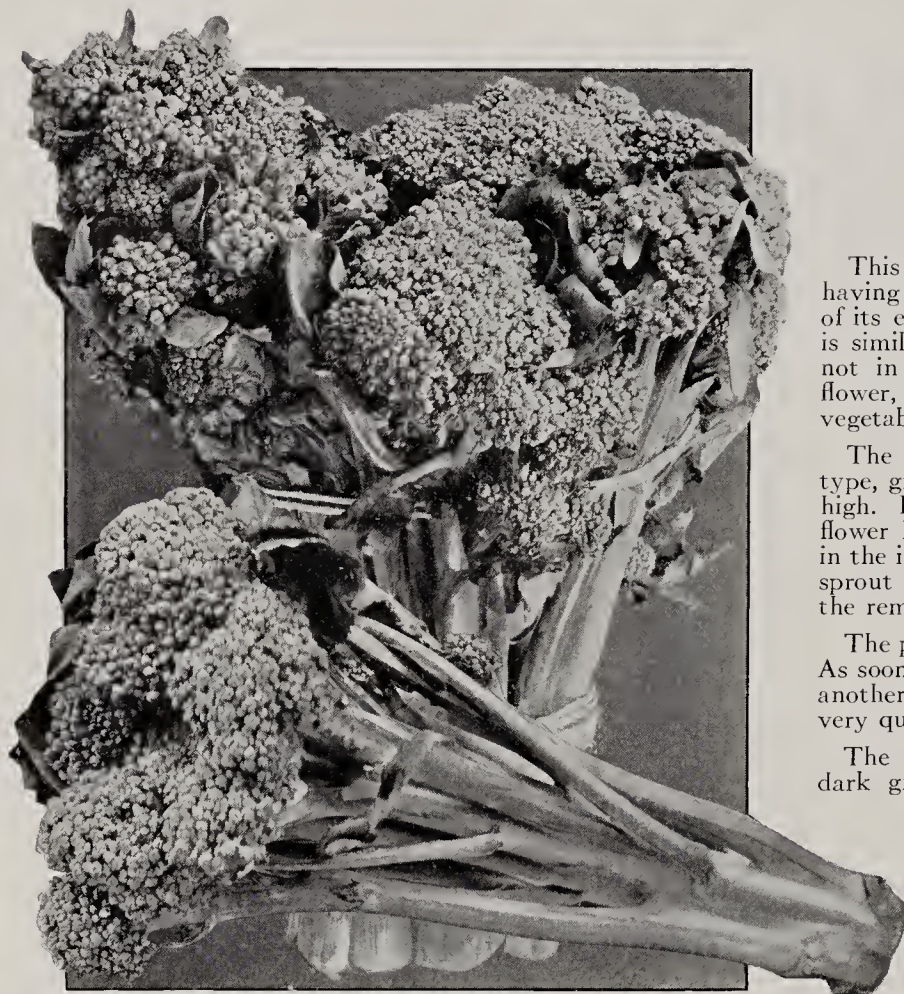
### Beet Detroit Dark Red (Late)

In this particular strain we are offering something exceptionally fine. Canners throughout the country are reporting this variety to be the finest they have ever seen for that purpose. The tops are rather small. This is very necessary.

We have gone to the trouble of having a few put through the canning process, and the illustration shows the exceptionally fine color and type. For the market gardener who is figuring on bunching Beets, it has also proved to be worth while, the color and shape satisfying the particular buyer.

Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$9





Green Italian Broccoli

## Green Italian Broccoli

(Calabrese)

This is now a very popular vegetable, having rapidly forged to the front because of its exceptionally pleasing flavor, which is similar to cauliflower. People who are not in the habit of eating kale, cauliflower, or cabbage have relished this fine vegetable.

The variety we offer is the sprouting type, growing, in most cases, about 3 feet high. Its foliage is very similar to cauliflower leaves but smaller. You will note in the illustration that the middle or main sprout is three or four times heavier than the remainder of the sprouts.

The plant has a sort of branching habit. As soon as a sprout is cut from a branch, another immediately forms and matures very quickly.

The strain that we are offering is the dark green, robust type, and we have succeeded in keeping our stock true.

Pkt. 10 cts.; oz. 75 cts.;  $\frac{1}{4}$  lb. \$2.50; lb. \$8

## Cabbage

### Drumhead Savoy

FALL or WINTER CABBAGE

Here is a type of Drumhead Savoy which we have produced on our own Farms, according to the ideas of several critical growers wishing a large type of Cabbage. If it is grown to full size, twelve heads will fill a barrel. The strain is exceptionally true. Pkt. 10 cts.; oz. 50 cts.;  $\frac{1}{4}$  lb. \$1.75; lb. \$6; 10 lbs. \$55.

**COPENHAGEN MARKET.** An early round-headed variety which is in a class by itself. Heads very solid, often weighing 10 pounds. About as early as Charleston Wakefield. Sow the seed in February for early use, as the fall-sown plants are apt to run to seed in the spring. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4; 10 lbs. \$35



Drumhead Savoy Cabbage

**ABBOTT & COBB**  
Philadelphia, Pa.



# Cabbage

**EXTRA-EARLY JERSEY WAKEFIELD.** The most popular early Cabbage. The pointed heads are of medium size, solid, and of excellent quality. They are hardy, resist frosts, and mature in 100 days. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.50; 10 lbs. \$35.

**CHARLESTON or LARGE WAKEFIELD.** A week later than Extra-Early Jersey Wakefield. Heads are larger, just as solid, but not quite so pointed. Good variety to follow the Early Jersey Wakefield. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. \$1; lb. \$3.50; 10 lbs. \$30.

**GOLDEN ACRE.** A very valuable, first-early, round-head sort. This variety is known throughout the country as the best for early spring use. The heads are very solid, leaves very similar to Copenhagen but not so large a head. Our trials show it to mature 10 days earlier than the Copenhagen Market. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4; 10 lbs. \$35.

**MAMMOTH RED ROCK.** (Fall or Winter Cabbage.) Very large, round, solid head. This variety is fine for cole slaw, as the color gives it a fine appearance. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 85 cts.; lb. \$3; 10 lbs. \$28.50.



Mammoth Red Rock Cabbage grown on our trial-grounds

**DANISH BALLHEAD (Extra-selected Short Stem).** (Fall or Winter Cabbage.) About the same size as our regular stock of Ballhead and about the same time for maturity. We have really selected this to the limit and are sure the stock will please the most critical.

Pkt. 10 cts.; oz. 60 cts.;  $\frac{1}{4}$  lb. \$2.25; lb. \$8; 10 lbs. \$75



A few heads of our Extra-Selected Danish Ballhead Cabbage

Grown on the farm of Robert Springle, Holley, N. Y.





Swiss Chard, Green  
White-ribbed

## EARLY SUMMER CABBAGES

**SUCCESSION.** Large, solid, flat heads, which will stand a long time before marketing. A fine second-early variety. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$ lb. 85 cts.; lb. \$3; 10 lbs. \$28.50.

**ALL-SEASONS.** Good variety to use any time throughout the season. Heads are large, a trifle flat, and mature early. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$ lb. 85 cts.; lb. \$3; 10 lbs. \$28.50.

**LAUDERBACK'S ALL-YEAR-ROUND.** An old standard variety, originated by one of our market gardeners several years ago. Excellent for summer or fall. A robust grower, producing a fine rather flat head. Excellent for sauerkraut. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$ lb. 85 cts.; lb. \$3; 10 lbs. \$28.50.

## FALL OR WINTER CABBAGE

**LATE FLAT DUTCH.** One of the best late winter Cabbages. Very large, oval-shaped heads of good quality that keep well. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$ lb. 85 cts.; lb. \$3; 10 lbs. \$28.50.

**DANISH BALLHEAD.** A medium-sized, very solid-heading, popular variety for winter use. Grown principally by our New York growers for shipping. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. \$1.10; lb. \$4; 10 lbs. \$38.50.

**HARD-HEADING SAVOY.** (Special.) An exceptionally hard strain to produce true. This also is grown under our own care and direction. It is a somewhat smaller type than the Drumhead Savoy, meeting all the requirements that are necessary to produce a fine crop. Heads are round and well crimped. This strain is now used in a large way commercially for fall or winter use. Pkt. 10 cts.; oz. 60 cts.;  $\frac{1}{4}$ lb. \$2; lb. \$7; 10 lbs. \$60.

**CHINESE CABBAGE (Wong-Bok).** Makes a salad with a delightful peppery zest; should be in every garden. Large, tender heads can be eaten like lettuce or boiled as cabbage. In the latitude of Philadelphia or New York sow the seed August 1. Seed sown in spring is rarely successful as the heads run to seed in hot weather. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$ lb. \$1.50; lb. \$5; 10 lbs. \$45.

## Swiss Chard

**GIANT LUCULLUS.** This is a variety of Beet grown exclusively for its large, tender leaves which are cooked the same as spinach; the midribs are sometimes served like asparagus making delicious "greens." Cut 4 inches above the ground, the plants will produce another large crop of leaves; can be cut repeatedly. Valuable crop for poultry-feed. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$9.

**LARGE GREEN WHITE-RIBBED.** The best-selling sort on the market. A big improvement over the Lucullus varieties, having a much better flavor and the leaf is green but not so curly. Commercial growers claim this will outsell any other variety. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$9.



Improved Snowball Cauliflower

## Cauliflower

**IMPROVED SNOWBALL.** This is a decided improvement over the ordinary stock of Snowball. We have developed this strain with a deeper head, fine curd, a trifle heavier and much darker green foliage. This is also what we would call a robust stock, having enough vitality to resist unfavorable conditions. It is just as early as our regular stock of Early Snowball, but a trifle larger. Pkt. 25 cts.; oz. \$4;  $\frac{1}{4}$ lb. \$14; lb. \$40.

**EARLY SNOWBALL.** Deep, solid heads of medium size, pure white, and of excellent quality. An ideal all-season variety for the home-garden, and the very best early for the market-grower, as it forces easily. We have noticed, the last two or three years, that some of the very largest commercial growers are using this particular strain throughout the entire season. The foliage is heavy enough to protect it from the hot sun and fairly heavy frost. Pkt. 25 cts.; oz. \$3;  $\frac{1}{4}$ lb. \$8.50; lb. \$30.

**AUTUMN GIANT.** An enormous late sort; leaves very large and hardy. Pkt. 25 cts.; oz. \$1;  $\frac{1}{4}$ lb. \$3; lb. \$10.



## Chantenay Carrots

An excellent stump-rooted sort of fine orange color, with medium-sized tops and a small neek. This stock is very uniform, averaging from 2 to 4 inches thick at the shoulder and 5 to 6 inches in length. The flesh is fine-grained, crisp, and tender. We have developed this strain so that the color will run practically the same throughout, and have eliminated a certain amount of the core. An ideal sort for bunching.

Pkt. 10 cts.; oz. 15 cts.;  
1/4 lb. 30 cts.; lb. \$1.10;  
10 lbs. \$10.



Chantenay Carrots

## Danvers Half-Long Carrots (Special)

The growers say that this is what they call a real stock of Danvers Half-Long. It will average 1 1/2 inches longer than Chantenay, with not quite so blunt a point, and rich, orange-colored skin.

We have also developed this stock to run a fine orange color throughout and have eliminated, as much as possible, the green core which is found in so many types of Carrot. This is a strain you need not be afraid to exhibit at vegetable shows where there is plenty of competition.

Pkt. 10 cts.; oz. 20 cts.;  
1/4 lb. 45 cts.; lb. \$1.50;  
10 lbs. \$15.



Danvers Half-Long Carrots



# Carrot

Rich in the important vitamins, Carrots should be eaten frequently. When pulled fresh and young, the roots are tender and delicious.

## RED INTERMEDIATE

Commercial growers who demand a larger Carrot than Danvers are more than satisfied with this particular strain. The root grows about 8 inches long under ordinary conditions, is very smooth, and a sort of reddish color. The tops are not quite so heavy as the Chantenay or Danvers but always produce enough foliage to make a good bunching Carrot. They make an attractive looking package topped and put in bushels. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50; 10 lbs. \$15.

**RUBICON HALF-LONG.** A stump-rooted variety somewhat longer than the Chantenay, with deep orange color. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1.10; 10 lbs. \$10.

**ST. VALERY.** The most desirable Carrot for home and fancy markets. It has 10-inch, smooth, pointed, dark orange-colored roots. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$9.

Red Intermediate Carrots

# Celery

## Winter King (Special)

The best winter variety to store in trenches, and should be ready to market just after Christmas. It will produce exceedingly full-hearted, very green, stout stalks of unusually good keeping qualities. For those who figure on growing late Celery, we recommend this particular stock. Pkt. 25 cts.; oz. \$1.50;  $\frac{1}{4}$ lb. \$5.50; lb. \$20

**FRENCH SUCCESS.** This is one of the older styles of Celery, but is still very valuable for late or trenching purposes. The stalk is very large, with round, rather long ribs. This type is more green than most of the late varieties. The stock is very true and dependable. Pkt. 10 cts.; oz. \$1.25;  $\frac{1}{4}$ lb. \$4; lb. \$15.

**MEISCH'S GREEN.** Another easy-blanching variety, growing full-hearted stalks a trifle shorter than Easy-blanching, and of a beautiful light golden color when bleached. This seed was grown by us from the original stock and is absolutely true to type. The ribs of this variety are more round than those of the Easy-blanching. It can be bleached with paper, boards, or dirt for early use and is a good variety to store for winter use. Pkt. 25 cts.; oz. \$2;  $\frac{1}{4}$ lb. \$7; lb. \$25.

**COLUMBIA.** Finest eating Celery to be had. The ribs are round, very solid, and it grows a very stout, light green stalk. Pkt. 10 cts.; oz. 50 cts.;  $\frac{1}{4}$ lb. \$1.75; lb. \$6.

**MEYERS' WHITE PLUME.** Very early Celery. Ribs and leaves when bleached are white and it requires only a short time before it is ready for market. This is the first early Celery that was originated and still holds a high place among the early varieties. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$ lb. \$1; lb. \$3.

**WINTER QUEEN.** An old standard, late-keeping sort. Has very stout stalks of medium height which when blanched are very attractive creamy white in color, crisp and of fine flavor. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. \$1; lb. \$3.

Our supply of most of the special stocks which we are offering is usually exhausted before the planting season. It seems that the demand for well-rogued stocks is increasing every year. We urge our customers, therefore, to place their orders at once, especially for those varieties which are most important, because of the impending difficulty to obtain good seed when the rush has begun.





## Full-Heart Easy-Blanching Celery

Here's another stock of Celery which we have made and developed for the market gardener, and believe it is suiting every Celery grower who is figuring on trenching Celery. The ribs are more round than the general run of Easy-blanching stocks, producing as much heart as is possible to grow. The height is about 20 inches. When blanched, it is a light golden color. The roundness and brittleness of the ribs make this what you might call "real quality."

Pkt. 25 cts.; oz. \$2;  $\frac{1}{4}$ lb. \$7; lb. \$25





Golden No. 14



Golden No. 14

## FOUR LEADING BRANDS

When Celery is packed under these labels it means that the quality is of the finest.



Early Fortune



Golden No. 14

ABBOTT & COBB  
Philadelphia, Pa.





Celery, Early Fortune. The above shows a partial view of 100 acres of our Early Fortune Celery grown on the Seabrook Farms, Bridgeton, N. J.; also, one crate from same field. It is reported that this 100 acres produced 45,000 crates.

### Early Fortune (Improved Golden)

One of the main features of this particular type of Celery is the earliness, quick-growing habit, and its resistance to disease. It is a cross between Golden Self-blanching and Easy-blanching. There is an abundance of heart in this well-selected stock, and it is valuable for either close or wide culture. The seed is grown on our own Farms, and is given every attention possible to make an excellent type of Celery in its class.

Pkt. 20 cts.; oz. \$1.50; ¼lb. \$6; lb. \$20; 10 lbs. \$180

### Golden No. 14

No one else has had a hand in developing this extra-fine strain of Celery, and we have spent considerable money in seeing to it that the stock has been kept true to the original. We do not know of any type or stock of Celery that has been more of a favorite than this No. 14 for the general or late crop. Florida, New York, Indiana, Ohio, Michigan, and California are demanding more and more each year. We have selected it for a long, round rib and plenty of heart. This, we have learned from critical buyers, is really essential. The heart is a light golden color, with not a green tint in a single stalk. It will mature a little earlier than our Golden Self-blanching Special and will blanch a trifle quicker, due to the extra-fancy selection. The keeping qualities for storage are excellent.

Pkt. 25 cts.; oz. \$2; ¼lb. \$7; lb. \$25



# Celery

## A. & C. Sweetheart

In this we are offering something new and very similar in shape to our Full-Heart variety, and, without doubt, the finest quality of Celery yet produced. Its easy-blanching quality is one of the outstanding features. We have worked on this type for the benefit of growers wishing to blanch green Celery in the row with dirt or boards. The photograph shows a bunch ready to put on the market after bleaching in dirt for only 10 days.

It is more or less dwarf in habit, with round, solid ribs and an abundance of heart. The plume is a rich golden color, which makes the bunch very attractive.

This type has also proved to be of value for cold-storage purposes. Many of our growers who had samples report unusual results from placing it in cold storage. We suggest that it be given a little time in the field to blanch, and be sure to get the heart well up in the stalk before placing it in cold storage.



Sweetheart Celery grown on our trial-grounds

We recommend it also for trenching, but it will not keep as well for this purpose as Full-Heart Easy-blanching.

Pkt. 25 cts.; oz. \$2; 1/4lb. \$7; lb. \$25

## Golden Self-Blanching (Special)

In this we are offering a well-selected and true type. The ribs are more or less round, to safeguard against softness for storage purposes. It is a trifle more green in appearance than the Golden No. 14, and has given the best of satisfaction for years.

Pkt. 25 cts.; oz. \$1; 1/4lb. \$3.50; lb. \$12; 10 lbs. \$110

## Easy-Blanching (Special)

One of the best Celeries for early or late use. The very stout and handsome stalks are more resistant to disease than any other variety on the market. Its keeping qualities are excellent for an Easy-blanching type of Celery. When placed in a trench, this type should be ready to market soon after Christmas. This is another of the special strains of Celery that we have grown on our own Farms. It has been a real favorite among the market gardeners for several years.

Pkt. 25 cts.; oz. \$1.50; 1/4lb. \$5.50; lb. \$20

ABBOTT & COBB  
Philadelphia, Pa.



## Celeriac

### GIANT SPRAGUE (Special)

A very large-bulbed Celeriac. We have improved this strain sufficiently to offer something excellent in this line. Most stocks of Celeriac are apt to grow too large a top with small roots. We have reversed this and can offer you large bulbs with only medium-sized tops. The root is apple-shaped.

Pkt. 10 cts.; oz. 75 cts.;  $\frac{1}{4}$ lb. \$2.50; lb. \$8

## Corn Salad

Used both as a salad and pot-herb. A cool-season crop, maturing in 6 to 8 weeks. Plant in early spring; also in late summer for fall crop.

**LARGE-SEEDED BROAD-LEAF.** Leaves large and broad. Best variety to grow under glass. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25; 10 lbs. \$11.

### ABBOTT & COBB'S CELERY SEED

Famous for its purity, uniformity, and special strains of the most profitable varieties. This superior quality is maintained by rigid selection of improved types in the field and a most careful supervision of its planting and cultivation down to its harvesting and preparation for our use. There is none better.



Giant Prague (Special) Celeriac

## FIELD CORN

**IMPROVED LEAMING.** A high-yielding Corn, maturing in 90 to 100 days. One of the best varieties for silage as well as for husking.

Pkt. 10 cts.; lb. 25 cts.; pk. (14 lbs.) \$1; bus. (56 lbs.) \$3



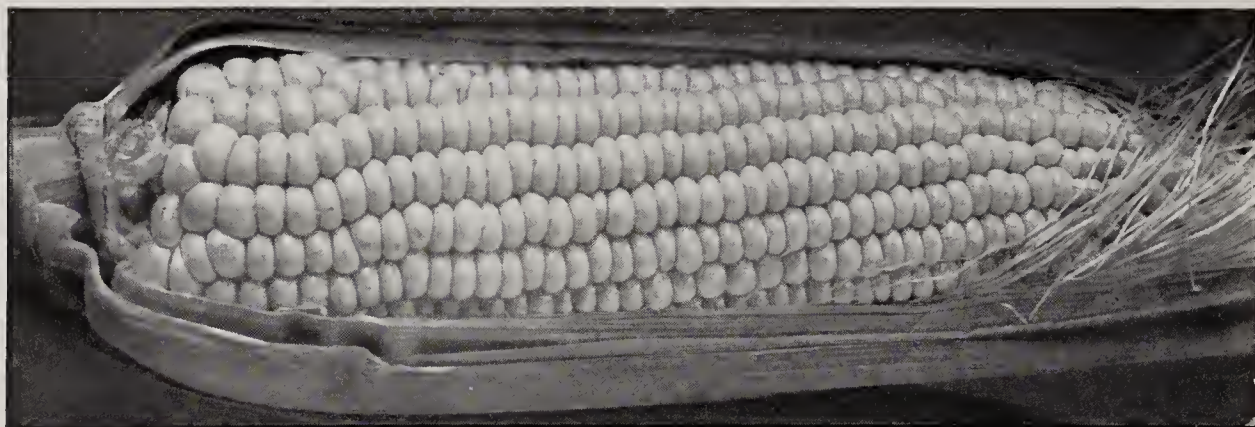
Improved Leaming Corn

**100-DAY BRISTOL.** Grown under immediate direction, this 100-day Corn will grow large crops with 16 rows of large, broad, deep kernels on a small cob.

Pkt. 10 cts.; lb. 25 cts.; pk. (14 lbs.) \$1;  
bus. (56 lbs.) \$3

**EUREKA ENSILAGE.** For tonnage, Eureka is the best ensilage Corn. A very vigorous grower, having unusually heavy foliage, with large, tender stalks that the cattle will relish.

Pkt. 10 cts.; lb. 15 cts.; pk. (14 lbs.) 75 cts.;  
bus. (56 lbs.) \$2.50



Abbott & Cobb's Early Sweet Corn

## Sweet Corn

### ABBOTT & COBB'S EARLY

This variety is acclimated, being one of our originations and grown in Bucks County, Pennsylvania. It is one of the early types of genuine Sweet Corn, with medium-sized stalks, 60 per cent of which will produce two ears. The quality of the large, 14-rowed ears is excellent and the grains are of medium size. A special drying process insures the best of germinating power to the seed.

Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$2.50; 100 lbs. \$20

### HOWLING MOB

Undoubtedly the finest medium-early Corn. Ears are larger and a trifle later than the Abbott & Cobb's Early. The seed we offer has been grown by a farmer in Bucks County and is absolutely true to type.

Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$2; 100 lbs. \$14

### KENDEL'S EARLY GIANT

A very popular, large, second-early variety, about a week later than Howling Mob. The ears are very thick and about 8 inches long, with real sweet flavor.

Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$2; 100 lbs. \$14

### GOLDEN BANTAM

The favorite Corn in the small garden because of its deliciously sweet kernels. The stalks grow from 4 to 5 feet high, producing a good-sized golden ear. The color is very often misleading to those who do not know this variety, but a trial will convince anyone that the quality is excellent.

Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$2; 100 lbs. \$14

### STOWELL'S EVERGREEN

The leading main-crop Corn for home use, market, and canning. Our stock has been grown and selected on a Bucks County farm under our direct supervision and thoroughly dried by a natural process. It will produce large, uniform-sized ears of fine quality. The grains are of medium size and slender.

Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$2; 100 lbs. \$14

### EARLY METROPOLITAN

Combines the essential features of earliness, productiveness, and good flavor. Ears 8 to 9 inches long. A very desirable variety.

Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$2; 100 lbs. \$14

### COUNTRY GENTLEMAN

A favorite main-crop variety requiring rich ground. Has a small cob with tender, medium-sized, deep kernels of an unusually high quality.

Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$2; 100 lbs. \$14



## Dandelion

### IMPROVED BROAD-LEAF.

This is considered the best Dandelion by many growers. It is very early, producing a bigger crop of large, broad, thick leaves than most varieties, and is especially good for under glass. Pkt. 10 cts.; oz. 45 cts.;  $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

## Eggplant

### BLACK BEAUTY. Finest of all.

Fruit is large, handsome, and of glossy black color; very early and productive. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

## Horse-Radish Roots

The old standard variety; Philadelphia grown. Fine, strong sets. \$1 per 100; \$7 per 1,000. If wanted by mail, add 10 cts. per 100 for postage.

## Leek

The most delightfully flavored member of the onion family. The thick, tender stalks, when cooked, are relished by those who never eat onions. Used in stews and soups they impart a very delicate flavor.

**GIANT ITALIAN.** Very large, short, thick stems with broad, dark green leaves. Extremely hardy. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 60 cts.; lb. \$2; 5 lbs. \$9.50.

**LARGE MUSSELBURGH.** Stems short, very thick; broad, dark leaves; very mild flavor. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 60 cts.; lb. \$2; 5 lbs. \$9.50.



Black Beauty Eggplant



Florida  
Deep Heart  
Endive

Photographed on half-bushel measure, showing comparative size

## Endive

### FLORIDA DEEP HEART (Escarolle)

The leaves are very broad, somewhat rounded at the end, forming an exceptionally large and much deeper heart than the ordinary type of Escarolle. This is a fine strain for market-gardeners who wish to grow large-sized Endive. Our stock of this is true and dependable.

Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 60 cts.; lb. \$2; 10 lbs. \$19

### MAMMOTH GREEN CURLED or OYSTER.

Very large, curly plants, which, when bleached, are light yellow with a meaty flavor. It is the variety most commonly grown by market-gardeners. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 45 cts.; lb. \$1.25; 10 lbs. \$11.50.

**BROAD-LEAF (Full-Heart).** Leaves are broad, thick, slightly wrinkled, and easily blanched. The best of the broad-leaf type. In this particular stock we offer the full-hearted sort, for in some of the stocks offered the heart has been too small and delicate to make a good appearance. We are sure this well developed, heavy heart will meet with the approval of all who use it. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25; 10 lbs. \$11.

## Kale

**IMPERIAL LONG-STANDING.** Fast grower and yet stands much longer than most varieties without going to seed. The leaves are dark green and very curly. This stock is used for early spring sowing owing to the very dark green color. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. 80 cts.; 10 lbs. \$7.50.





Early Short-Leaf White Kohlrabi

## Kohlrabi

A quick-growing, "turnip-rooted" cabbage. Use when half grown (the bulbs 2 to 2½ inches in diameter). Make sowings every 10 days to insure succession.

### EARLY SHORT-LEAF WHITE

An extremely early variety with very small tops, which permit planting very closely. It is the best for forcing or outdoor use. Pkt. 10 cts.; oz. 35 cts.; ¼lb. \$1.25; lb. \$4.

**WHITE VIENNA.** A very popular white variety with few small leaves, white skin, and tender, delicate flesh. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. \$2.50.

## Lettuce

### NEW YORK or WONDERFUL No. 728

Here's another new development of recent years. One of the best points about this particular strain is its blight-resistant qualities. A slow grower, making heavy, firm heads that

remain in good condition several weeks. Outer leaves dark green, inner blanch pure white. This is an extra-selected strain of New York or Wonderful and has always given fine results

Pkt. 10 cts.; oz. 35 cts.; ¼lb. 90 cts.; lb. \$3.50; 10 lbs. \$32.50



A partial view of our Pennypack Valley Trial-Grounds, showing Wonderful and Romaine or Cos Lettuce. This is the sixth year we ran other stocks in comparison to our No. 728 Wonderful and our Dark Cos Romaine. Every year these private stocks proved superior.

**ABBOTT & COBB**  
Philadelphia, Pa.





ABCO Lettuce

## ABCO LETTUCE

Here is a type of Lettuce that we have selected out of our special stock of White Big Boston. What we have done is select the smaller ones with a smooth, thick leaf. These, we have noted, are rather rugged, will stand more sun, and mature about 5 days earlier, making one of the hardest heads we have ever seen in Lettuce. Coming out of the White Boston type, they do not show any redness in cool or even frosty weather. It is plenty large enough to pack two dozen in a standard Lettuce crate. We recommend this for early spring or fall use, under glass or outside.

Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. 85 cts.; lb. \$3; 10 lbs. \$25

## ABBOTT & COBB'S SPECIAL BIG BOSTON

Our stock of Big Boston is, without doubt, the finest to be had anywhere. We have gone to great trouble and expense to produce the very best strain of this desirable variety. By careful test it has proved the best out of thirty different strains. The leaves are thick and dark green, producing very solid white heads. We recommend this variety to particular growers. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 45 cts.; lb. \$1.25; 10 lbs. \$11.

**ALL-SEASONS.** Very dark green leaves, forming a very large, compact head, but does not head well during July and August. A fine strain for spring and fall use. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 65 cts.; lb. \$2; 10 lbs. \$17.50.

**IDEAL.** This is the earliest variety we know, producing a leaf similar to the old type Salamander or May King. The frame is exceptionally large, and while the head is not quite so hard as some varieties, its earliness really makes it valuable. It is often put on the market 10 days ahead of Big Boston or White Big Boston. Pkt. 10 cts.; oz. 40 cts.; lb. \$4; 10 lbs. \$40.

**SALAMANDER.** One of the most desirable for all-season growing, producing very solid and tender heads of excellent quality at all seasons. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50; 10 lbs. \$12.50.

**ALLHEART.** Resembles Salamander in appearance but the heads are not quite so large. It is the best hot-weather Lettuce that we know, having withstood repeated tests on hot, hard soil. This is one of our specials. It is the strain unsurpassed. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50; 10 lbs. \$12.50.





A few of the parent plants of our No. 728 Wonderful Lettuce. Note the solidness and uniformity

### White Big Boston (Special) Lettuce

For several years we have been producing and selling an exceptionally fine strain of White Big Boston. We developed the stock ourselves, making sure that the frame and head was large enough. It resembles Big Boston in appearance. The leaves are a trifle smoother than most varieties of Big Boston, and do not turn red in cool or cold weather. The head and frame is just as large as any Big Boston; the stock is true. The fact that it does not turn red in cool weather makes it a most valuable shipper for it often brings a premium over the Big Boston Type. We recommend it highly for growing under coldframes, first planting or drilling in the spring and for all fall plantings.

Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1; lb. \$3.50; 10 lbs. \$35



A 50-acre field of our White Big Boston (Special) grown on the Seabrook Farms, Bridgeton, N. J. When this special strain of Lettuce is used for a 50-acre block, it shows the planter believes strongly in this fine strain

**ABBOTT & COBB**  
Philadelphia, Pa.



## Lettuce

**BLACK-SEEDED SIMPSON.** One of the old, most reliable, and productive loose-leaf varieties. The nearly white, very large, thin curly, very tender leaves are of very good quality, remaining in fine condition for some time. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50; 10 lbs. \$12.50.

**DARK COS.** In this Cos we are offering something new. We have developed it with the idea in mind that it would withstand heat and bad weather conditions. Our experiments have proved it to be far superior in this respect. The leaves are dark green with a self-folding head. Height is about 15 inches. We believe this to be a very valuable commercial type, and will gladly furnish a liberal sample of seed to those who have not already tried it. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75; 10 lbs. \$16.50.



Romaine or Cos Lettuce

**ROMAINE or COS.** This is the largest variety of green Cos Lettuce that grows. It has an upright, quick-growing habit, and a solid, very crisp head of fine flavor that bleaches as it grows. It is not so apt to blast as some of the light-colored strains, therefore more sure to make a crop. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25; 10 lbs. \$11.

## Muskmelon

**HEARTS OF GOLD or HOODOO.** A new, orange-fleshed variety, ideal as a shipping melon and of the very finest quality. Vine vigorous, remarkably blight-resisting, and very productive. Fruit of medium and very uniform size. Netting exceptionally fine and dense, extending practically over the entire surface. Rind thin, yet very firm, so that the melons arrive in perfect condition in distant markets. Flesh thick, firm, highly colored, of fine texture and delicious flavor. One of the best market melons offered today. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25; 10 lbs. \$11.50.

**ROCKY FORD.** The most desirable green-fleshed melon and unexcelled for spiciness and sweetness. Our stock is the improved blight-resistant type of Rocky Ford. Its shipping qualities are fine. Light green flesh with small seed-cavity and extra-fine flavor. A very popular variety and always scarce and in heavy demand. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$9.



Fordhook Muskmelon

**FORDHOOK.** One of the very best early, deep-fleshed, pink melons, with a most delicious flavor. Somewhat flat in shape, well netted, the sectors showing plainly. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$9.

**HONEY DEW.** This new and deliciously flavored melon has met with instant public favor. It is the very finest melon grown today because of its extraordinary sweetness. Fruit very large; rind smooth and cream-colored. The light green flesh is very thick, and unsurpassed in quality and richness of flavor, crisp texture, and unrivaled sweetness. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50; 10 lbs. \$14.

## Mustard

**FORDHOOK FANCY.** The dark green leaves of this variety are more curled on the edges than any other sort, making most attractive greens. Oz. 10 cts.;  $\frac{1}{4}$ lb. 25 cts.; lb. 65 cts.; 10 lbs. \$6.







# A. & C. Cucumber

**T**HIS is positively a **new stock** of Cucumber which we are offering and not a renamed variety nor an old variety remodeled. We have spent six years in developing this extraordinary strain and have been able to place small quantities of seed for test with various critical Cucumber growers. In every case they report that it is the finest they have ever seen. The vine, in a good stock of Cucumber, must be robust and resistant to diseases. We have settled this question and made it according to our own ideas. These vines will produce an abundance of Cucumbers 10 inches long, not quite as thick as a great many other stocks, and that will hold their greenness longer than any type we ever have handled. The time of maturity is 60 days.

We are proud of this fancy strain of Cucumber and suggest making it a point, this coming season, to give it a good trial. Our supply of this seed for the next three years will be limited on account of the great demand and the limited amount of stock seed available.

Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 75 cts.; lb. \$2.50; 10 lbs. \$22.50

## OTHER VARIETIES OF CUCUMBERS

**WHITE SPINE.** An extra dark green, White-Spine variety of fine shape and appearance. Season is about the same as Arlington. Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 35 cts.; lb. \$1; 10 lbs. \$9.

**LONG GREEN.** Fine, long, dark green sort for pickling or shipping purposes. Vines vigorous and very productive. Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 35 cts.; lb. \$1; 10 lbs. \$9.

**EARLY FORTUNE.** A very early, dark green, prolific variety with fruit averaging about 8 inches long. Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 35 cts.; lb. \$1; 10 lbs. \$9.



A. & C. Cucumbers in a bushel basket. Note size, shape and color



Partial view of field of A. & C. Cucumbers grown on our farms



# Onions



Southport Yellow Globe Onion

**SOUTHPORT WHITE GLOBE.** Large, pure white Onion. Skin is silvery white; flesh pure white and of fine flavor. This requires about a week longer to mature than most white sorts. Fine variety to grow in the spring for green bunch Onions. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 65 cts.; lb. \$2.25; 10 lbs. \$20.

**MOUNTAIN DANVERS.** A real globe-shaped, early Onion, maturing two weeks earlier than Yellow Globe Danvers, with flesh of about the same color. In several cases we have known this Onion to produce 850 bushels to an acre. This should impress one with the idea that it is not a small cropper. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 60 cts.; lb. \$2; 10 lbs. \$18.50.

**SOUTHPORT YELLOW GLOBE.** The largest and handsomest yellow Onion. Exceedingly productive later main-crop sort, growing a uniform, rich golden colored, globe-shaped bulb. This variety is known to produce as high as 900 bushels per acre. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 60 cts.; lb. \$2; 10 lbs. \$18.50.

**YELLOW DUTCH.** Early, medium-sized, flat-shaped Onions of good quality, straw-colored skin, and fine keeping qualities. Best for growing sets and the one most often used. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 60 cts.; lb. \$2; 10 lbs. \$18.50.

**YELLOW GLOBE DANVERS.** Probably the most popular all-purpose Onion, and by all odds the one most grown for market. Somewhat flatter than the Southport strain, with light, crisp, and mild flesh. It is a very productive, medium-early sort, fine keeper, and excellent for shipping. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 60 cts.; lb. \$2; 10 lbs. \$18.50.

**MAMMOTH YELLOW PRIZETAKER.** Every small grower knows this Onion and its qualities; it is unsurpassed. Without doubt, a fine sort to grow, as it will crop better than most yellow varieties. By sowing early in coldframes, and transplanting in the open ground, 4 to 5 inches apart, 4-inch Onions may be grown easily. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 60 cts.; lb. \$2; 10 lbs. \$18.50.

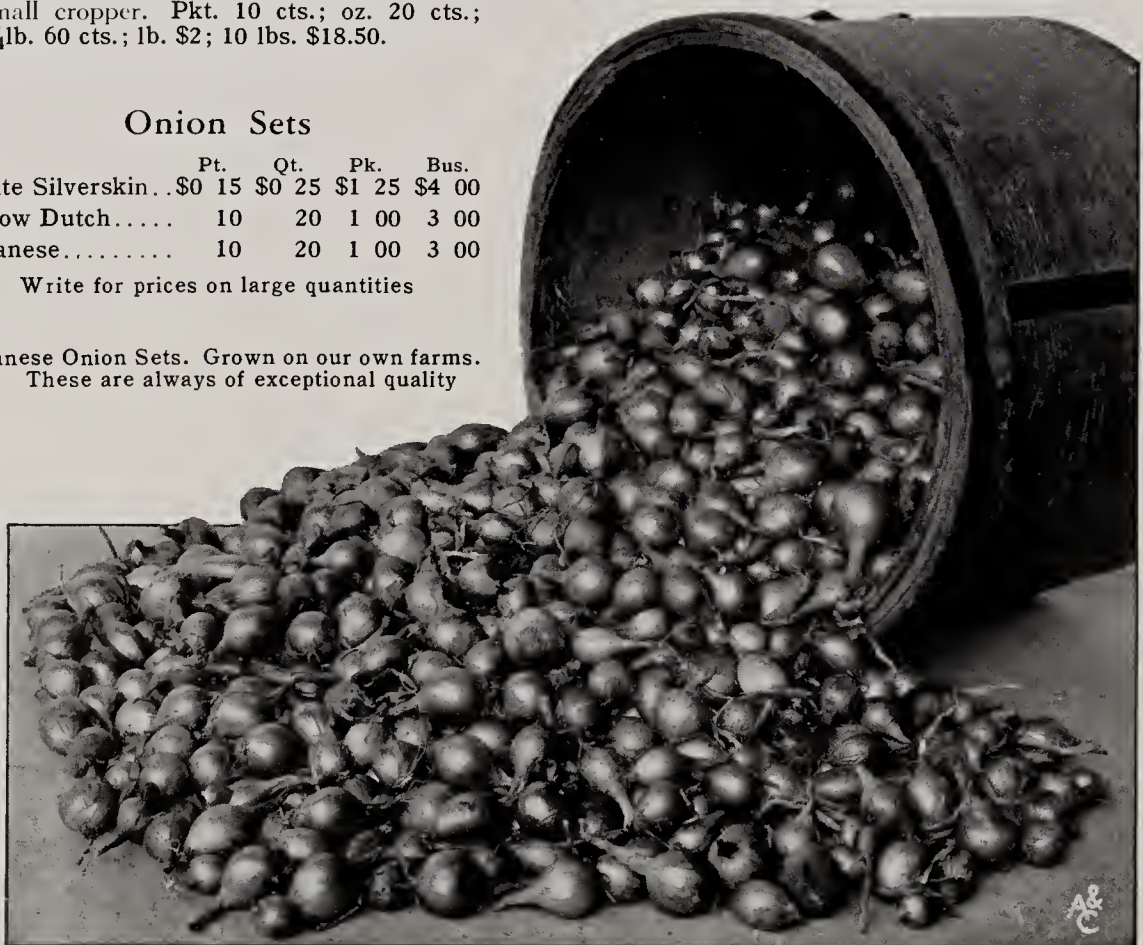
**WHITE SILVERSKIN.** Flattened bulbs with clear white skin and mild flesh. Grown principally for sets and small pickling Onions; is the best white sort for this purpose. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 65 cts.; lb. \$2.25; 10 lbs. \$20.

## Onion Sets

	Pt.	Qt.	Pk.	Bus.
White Silverskin..	\$0 15	\$0 25	\$1 25	\$4 00
Yellow Dutch.....	10	20	1 00	3 00
Japanese.....	10	20	1 00	3 00

Write for prices on large quantities

Japanese Onion Sets. Grown on our own farms. These are always of exceptional quality







Above is a field of our new No. 10 Parsnip grown on our own Farms, together with a bushel of stock roots. Note color, shape, and hollow crown.

## Parsnip, New No. 10

We have taken a few roots of our Philadelphia Hollow-Crown Parsnip and developed them into what we call a No. 10 strain. We do not see where anything more can be done to this fine strain to make it better. The seed is grown on our farms, and we use every care and precaution to make this the best type of Parsnip every put out. It is necessary, we believe, to have just as small a core as possible in Parsnip. This eliminates a certain amount of toughness when cooked. We cannot recommend this too highly.

Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$ lb. 70 cts.; lb. \$2; 10 lbs. \$19

**HOLLOW-CROWN.** Philadelphia County has always been noted for some extra selections of Hollow-Crown Parsnips. We have taken hold of these special strains and developed them into what we believe to be a real genuine sort, medium length and smooth, that is, very few fibers. The color is the whitest that is possible to produce. We grow our own stock seed of this sort and would recommend using it if you wish to produce a fancy package of Parsnips. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.; 10 lbs. \$8.

## Watermelon

**TOM WATSON.** An important commercial variety. Similar in size and shape to Kleckley Sweets, but larger, often weighing 25 to 30 pounds and often 24 inches long. Prolific, producing delicious fruits in great abundance; of uniform size. Very solid rind; flesh heavy and sweet. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 25 cts.; lb. 90 cts.; 10 lbs. \$8.

**KLECKLEY SWEETS.** The sweetest Watermelon and one of the easiest to grow. About 18 to 20 inches long, 12 inches in diameter, and filled with the juiciest, sweetest flesh imaginable. The dark green rind is thin, breaking easily in shipping. Widely grown for home and local markets. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$9.



## Parsley

**DARK KNIGHT.** Here is something new which we are offering in the way of Parsley. About the same height as our Market Gardeners' and just as much eurl. The cross we have made between Market Gardeners' and Summer Green, which is exceptionally dark, gives this strain of Parsley an unusually green appearance. Early spring or summer crops will not show up quite as dark as it should be, but when the fall months arrive this will retain its greenness longer than anything we have ever offered in this line. In some of the trials which we have made, frost had affected the Market Gardeners' variety while this strain withstood the cold. We claim this is a very valuable new variety. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75; 10 lbs. \$17.50.

**MARKET GARDENERS'.** A strong-growing variety, usually about 8 inches high, with beautiful, dark green, very finely cut leaves. The compact, eurl leaves are excellent for garnishing and sometimes used for flavoring, but we do not recommend this variety for that purpose as highly as Hamburg or Parsnip-rooted. For all general purposes, Market Gardeners' is the best variety. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25; 10 lbs. \$10.



Dark Knight Parsley

**HAMBURG or PARSNIP-ROOTED.** Grown principally for the root which, in our stock, resembles a parsnip in shape and color, though somewhat smaller and very highly flavored. Foliage is almost the same as plain or single parsley. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25; 10 lbs. \$11.50.

## Peas

**RECORD EXTRA-EARLY.** The earliest maturing vine—days ahead of all others. The 18 to 20-inch vines produce an abundance of short, but well-filled pods. Excellent for canning. Pkt. 10 cts.; lb. 30 cts.; 10 lbs. \$2; 100 lbs. \$15.

**THOMAS LAXTON.** Pods about 3 inches long. About one week later than our Record Extra-Early. Vines 3 feet tall, producing a heavy crop of pods, each filled with very sweet Peas. Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.25; 100 lbs. \$18.

**GRADUS.** Of the same season, and resembling Thomas Laxton in appearance, but the 24-inch vines are not quite so dark green. The most dependable producer under all conditions and for all purposes. Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.25; 100 lbs. \$18.

**TELEPHONE.** A second-early variety with vine about 2 feet long, producing an abundance of well-filled pods about 3 inches long. Fine for canning. Withstands hot weather better than earlier sorts. Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.25; 100 lbs. \$18.

**PILOT.** A very fine sort. The seed can be sown outdoors just as early as the ground can be worked. It will stand as much cold weather as any round, smooth-seeded variety. Extra-large-podded sort, maturing about the same time as Thomas Laxton and Gradus. Valuable for commercial or home use and long a great favorite on the markets. Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.25; 100 lbs. \$18.

**GOLIATH.** One of the newest varieties on the market, producing 5 to 7-inch pods (the largest known) well filled with large sweet Peas of excellent quality. Vines grow 5 to 7 feet long. Season about the same as Long Island Mammoth. It is a most desirable late-crop Pea and very popular with market gardeners everywhere. Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.25; 100 lbs. \$18.

**POTLATCH.** A late, dwarf variety, with extra-heavy dark green vines that grow about 14 inches high, and 4-inch pods, well filled with fine, large Peas. A good variety to grow without brush. A great favorite with many gardeners. Pkt. 10 cts.; lb. 35 cts.; 10 lbs. \$2.25; 100 lbs. \$18.



Gradus  
Peas



# Pepper

**RUBY KING.** Large, handsome fruits, 4 to 6 inches long with broad shoulders and thick, mildly piquant-flavored flesh; when ripe a beautiful bright red. Good seller. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$ lb. \$1; lb. \$3.50; 10 lbs. \$32.50.

**BELL or BULLNOSE.** This is an old standard favorite market Pepper, valuable because it is very productive. Fruit large, with thick flesh. Usually considered a sweet Pepper but its flesh gets very hot in hot dry seasons. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$ lb. \$1; lb. \$3.50; 10 lbs. \$32.50.

## Worldbeater

Without doubt this is the finest Pepper yet introduced. Almost as big as Chinese Giant, but more prolific. Bears a delightful green fruit that turns a beautiful shade of scarlet, with thick, firm flesh. A good shipper.

Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$ lb. \$1.25;  
lb. \$4.25; 10 lbs. \$40

**LONG RED CAYENNE.** Very prolific; pointed fruits 6 inches long, deep green when young. This variety is used principally for flavoring purposes because of its pungency. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. \$1; lb. \$3.50.



California Wonder Pepper

## California Wonder

This new variety resembled Chinese Giant in shape but has much thicker flesh. The fruit will average 4 inches in diameter at the top, tapering slightly. It matures its fruit somewhat earlier than Chinese Giant and is very prolific. Color glossy dark green, turning to crimson.

Pkt. 10 cts.; oz. 50 cts.;  $\frac{1}{4}$ lb. \$1.75; lb. \$6;  
10 lbs. \$57.50

## Pumpkin

**KING OF MAMMOTHS.** The largest of all. Grows to enormous size, often 2 feet in diameter, sometimes weighs 200 pounds; almost round in shape, with orange-colored skin and deep, bright yellow flesh. Very fine quality. It is the kind to grow to take prizes at the county fairs. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 60 cts.; lb. \$2.

**WINTER LUXURY or PIE.** Medium size, nearly round; smooth yellow skin; flesh very thick, light yellow, sweet and finely flavored. Skin golden yellow with gray netting. A fine pie variety and a good keeper. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

**CUSHAW or CROOKNECK.** A fine, solid, yellow crookneck, nearly all flesh. A good all-round Pumpkin of excellent flavor that is very popular for making pies. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.



Worldbeater Pepper





Scarlet Globe Radishes

### Scarlet Globe Radish

Probably the most popular Radish grown for eommereial or home use. It is the earliest of all, producing light red, round, crisp Radishes of mild flavor. Excellent for forcing.

Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.; 10 lbs. \$7

### White Box (Special) Radish

Another of our special varieties. We grow our own stock of seed of this variety, so that we are sure that it is true to type; we have been selecting it for six years. It is a pure white globe-shaped Radish, with a medium-sized top, and will stand longer on the ground before running to seed than other strains of White Box. A fine variety for growing under glass.

Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 35 cts.; lb. \$1; 10 lbs. \$9

OUR STOCKS ARE ALL GROWN ESPECIALLY FOR US AND HAVE BEEN MOST  
CAREFULLY SELECTED

ABBOTT & COBB  
Philadelphia, Pa.



### Radishes, continued

**WHITE ICICLE.** Best long early white sort for forcing or outside sowing. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.; 10 lbs. \$7.50.

**WHITE STRASBURG.** The most popular long white sort for market gardeners. The pure white roots, 5 inches long and quite thick, remain solid for a long time after maturing. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. 80 cts.; 10 lbs. \$7.50.

**EARLY LONG SCARLET.** The best long red variety grown. Fine, long, very crisp scarlet roots and short tops. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.; 10 lbs. \$8.50.

### Radish, Winter Varieties

**WHITE CHINESE or CELESTIAL.** A very large, white sort, grown especially for bunching in the fall or storing in the winter. A profitable variety to grow. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 35 cts.; lb. \$1.

**HALF-LONG BLACK SPANISH.** (Our own growing.) Pure white, very hard, crisp flesh and black skin. This variety keeps fine during the winter months when stored in cellars or pits. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$ lb. \$1; lb. \$3.50.

**ROUND BLACK SPANISH.** Similar to the Half-Long, except in shape. Roots round and black. Very hardy, robust grower. Fine for late bunching. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

### Salsify

**MAMMOTH SANDWICH ISLAND.** This is the best variety. Roots light in color, heavy and thick. Salsify requires deeply cultivated soil and should be sown early in the spring. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$ lb. 70 cts.; lb. \$2.50; 10 lbs. \$24.

### Sorrel

**LARGE-LEAVED.** A fine variety for market gardeners. Very large, light green leaves. This sort can be cut several times during the summer. Can be wintered over and it will grow again in the spring. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50; 10 lbs. \$14.



Boston Marrow Squash



Warty Hubbard Squash

### Squash

**MAMMOTH WHITE BUSH SCALLOPED.** One of the earliest, most popular Squashes, of dwarf habit, upright growth, and fine flavor. Color creamy white when matured. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 35 cts.; lb. \$1; 10 lbs. \$9.

**BOSTON MARROW.** A very fine fall and winter Squash with a thin, bright orange skin and yellow flesh; it keeps well and has no superior for pies or canning. The plants are very productive. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 35 cts.; lb. \$1; 10 lbs. \$9.

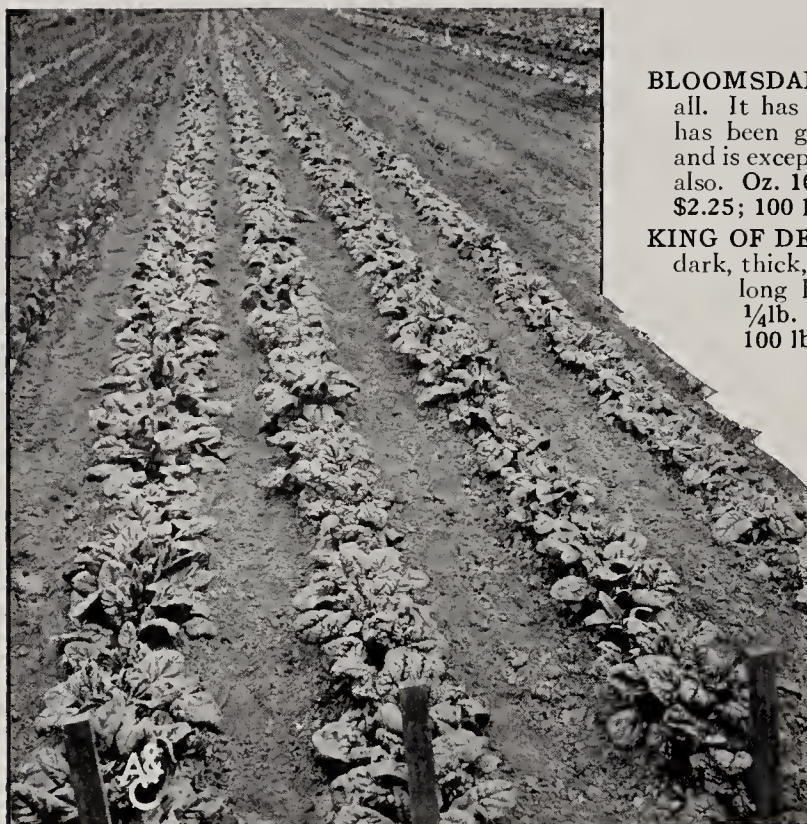
**COCOZELLE.** A summer variety of bush habit, with oblong fruit 12 to 14 inches long and 4 inches in diameter. Color dark green, with light green stripes. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50; 10 lbs. \$14.

**WARTED HUBBARD.** Popular variety, universally rated as the best late-keeping winter Squash. The hard thickly warted dark green shell encases a thick layer of delicious bright orange meat.



Cocozelle Squash





From left to right. King of Denmark, Long-standing Bloomsdale, Reselected Bloomsdale, and Long Season. Note the trueness to type of these thoroughly rogued stocks of Spinach.

## Spinach

**BLOOMSDALE SAVOY.** The earliest Spinach of all. It has thick, large, curled leaves. Our stock has been grown under our immediate direction and is exceptionally fine. A fine sort for fall sowing also. Oz. 10 cts.;  $\frac{1}{4}$ lb. 15 cts.; lb. 40 cts.; 10 lbs. \$2.25; 100 lbs. \$18.

**KING OF DENMARK.** A very quick grower, with dark, thick, heavy, half-crimped leaves that stand long before running to seed. Oz. 10 cts.;  $\frac{1}{4}$ lb. 15 cts.; lb. 40 cts.; 10 lbs. \$2.50; 100 lbs. \$20.

**LONG SEASON, Extra Selected.**

The finest of all summer varieties. It remains marketable a long time. Very heavy, dark green, curled leaves growing closer to the ground than Bloomsdale. Very productive. Oz. 10 cts.;  $\frac{1}{4}$ lb. 15 cts.; lb. 40 cts.; 10 lbs. \$2.50; 100 lbs. \$20.

**LONG-STANDING BLOOMSDALE.**

This is a new variety introduced four years ago and is upright in growth. It resembles Bloomsdale Savoy but will grow to a much larger size and will stay ten days longer on the ground before running to seed. This is fast becoming the most popular variety for all seasons' use, producing more bushels per acre. Oz. 10 cts.;  $\frac{1}{4}$ lb. 15 cts.; lb. 40 cts.; 10 lbs. \$2.50; 100 lbs. \$20.

**VIRGINIA BLIGHT RESISTANT.** Originated by the Agricultural Experiment Station of Virginia, this vigorous variety has proved to be a popular and profitable crop. The foliage is dark, much curled, and ruffled; of the Savoy type. Oz. 10 cts.;  $\frac{1}{4}$ lb. 15 cts.; lb. 40 cts.; 10 lbs. \$2.50; 100 lbs. \$20.

**GIANT THICK-LEAF.** A quick-growing sort, with very large, round, and almost smooth leaves. Most popular for canning-house Spinach. Oz. 10 cts.;  $\frac{1}{4}$ lb. 15 cts.; lb. 40 cts.; 10 lbs. \$2.25; 100 lbs. \$18.

**JULIANA.** Another type of Spinach that is a favorite among the commercial growers. This is a type that grows rather close to the ground, very curly or crimped, and is one of the longest standing varieties. In many cases it will stand ten days longer than Long-standing Bloomsdale. Oz. 10 cts.;  $\frac{1}{4}$ lb. 15 cts.; lb. 40 cts.; 10 lbs. \$2.50; 100 lbs. \$20.

## Tomato

### LIVINGSTON'S GLOBE

The best main-crop, purple-fruited Tomato, maturing about the same time as Stone, and especially adapted for southern climates. The fruit is very large, exceedingly solid, has a mild, pleasant, delicious flavor and but few seeds. This is a real globe-shaped stock and has been selected and grown by us for seed-purposes only. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$ lb. \$1.25; lb. \$4.

**BREAK O'DAY.** A new Tomato which is important because of its early maturity. Ripens earlier than Bonny Best. Somewhat like Marglobe, but plant is not so vigorous. Fruits orange-red. Will pack and ship well. Pkt. 10 cts.; oz. 60 cts.;  $\frac{1}{4}$ lb. \$2.25; lb. \$8.



Break O'Day Tomato

**ABBOTT & COBB**  
Philadelphia, Pa.





Marglobe Tomatoes

### Marglobe Tomato

Another one of the very popular sorts. Since its origination, we believe this has become a favorite quicker than any other stock of Tomato. One of the main points to be considered is the shape—we know that it is absolutely essential to have a good globe shape. This we have secured, together with selecting the stock to eliminate cracks around the stem. Our stock seed, every year, costs a considerable amount of money to produce. We suggest that you give this extra-selected stock a trial. You will find, also, that the vine has a strong-growing habit, is a little darker green, and has sufficient foliage to protect the fruit from the hot sun.

Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. \$1.25; lb. \$4.50; 10 lbs. \$40

### Bonny Best Forcing

A special strain of Tomato grown and selected by us for forcing or greenhouse purposes. We believe it is especially necessary to have a stock that is absolutely true for this purpose, and are offering an exceptionally fine selection. The seed is grown on soil that is adapted for Tomato-growing, and has shown no sign of blight at any time.

Pkt. 25 cts.; oz. \$3;  $\frac{1}{4}$ lb. \$10; lb. \$35

**BONNY BEST.** A fine outdoor, second-early Tomato and a remarkably productive sort. Fruits large, smooth, and round, of uniform shape and free from cracks. Used by a great many canners. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$ lb. \$1; lb. \$3.50.

**STONE.** The best-known Tomato for main crop. Large, smooth, solid fruits of deep scarlet color; they are so firm they ship or haul long distances, arriving in perfect condition. Seed-cells few and small. Our strain of this variety has been carefully selected to produce heavy crops of uniform fruits. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. \$1; lb. \$3.50.

**MATCHLESS.** An improvement on the Stone Tomato. It is a vigorous grower, producing abundant crops of late, handsome, bright red fruits with solid flesh of the finest quality. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. \$1; lb. \$3.50.

**GREATER BALTIMORE.** A desirable general or late-crop variety. Large, uniform, perfectly smooth, extremely firm, bright red fruits, with thick meat that ripens evenly without cracks or ridges, borne in large clusters by strong, vigorous vines. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. \$1; lb. \$3.50.





Purple-Top Yellow Globe (Rutabaga). A half-bushel of our Bucks County Rutabaga. Note shape and small neck.

## Purple-Top White Globe Turnip

The best sort for early sowing or winter use. The roots are a perfect globe shape, the upper half being light purple and the lower half pure white. Fine quality; an excellent keeper. Good for table use or feeding stock. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.; 10 lbs. \$7.

## Purple-Top Yellow Globe

Grows same shape and size as Purple-Top White Globe Turnip, but the skin is yellow, with a purple crown. Flesh deep yellow and of excellent quality. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.; 10 lbs. \$7.

## Purple-Top Yellow Globe (Rutabaga)

Carefully selected and grown by us from the famous Bucks County, Pennsylvania, type of Rutabaga, we believe this is the finest variety obtainable. We have selected the stock so that it will mature two weeks earlier than the ordinary stock of Rutabaga. The globe-shaped, yellow-skinned root is practically neckless and has a purple crown and deep yellow flesh of excellent quality.

Pkt. 10 cts.; oz. 50 cts.;  $\frac{1}{4}$ lb. \$1.75; lb. \$6; 10 lbs. \$55

# FIELD SEEDS

**CANADA PEAS.** One of the best-known varieties for plowing under for green manure. Also excellent when cut green and cured like clover for feeding through the winter. We have secured quite a quantity of these Peas and will be glad to quote prices on large quantities. Prices subject to change. Bus. \$3.50.

**SOJA BEANS.** Bus. \$2.

**VETCH, HAIRY or SAND.**  
Lb. 20 cts.; 100 lbs. \$11.

**RAPE, DWARF ESSEX.** Lb. 15 cts.; 100 lbs. \$8.

**WHEAT, HARVEST KING.**  
Lb. 10 cts.; bus. \$1.50.

**TIMOTHY.** Lb. 15 cts.; bus. (45 lbs.) \$2.75.

**MILLET, GOLDEN or GERMAN.** Lb. 15 cts.; bus. (50 lbs.) \$2.

**RYE, WINTER.** Lb. 10 cts.; bus. (56 lbs.) \$1.50; 100 lbs. \$2.50.

**CLOVER, Medium Red.** Lb. 25 cts.; bus. (60 lbs.) \$10.50.

**Mammoth Red.** Lb. 25 cts.; bus. (60 lbs.) \$10.50.

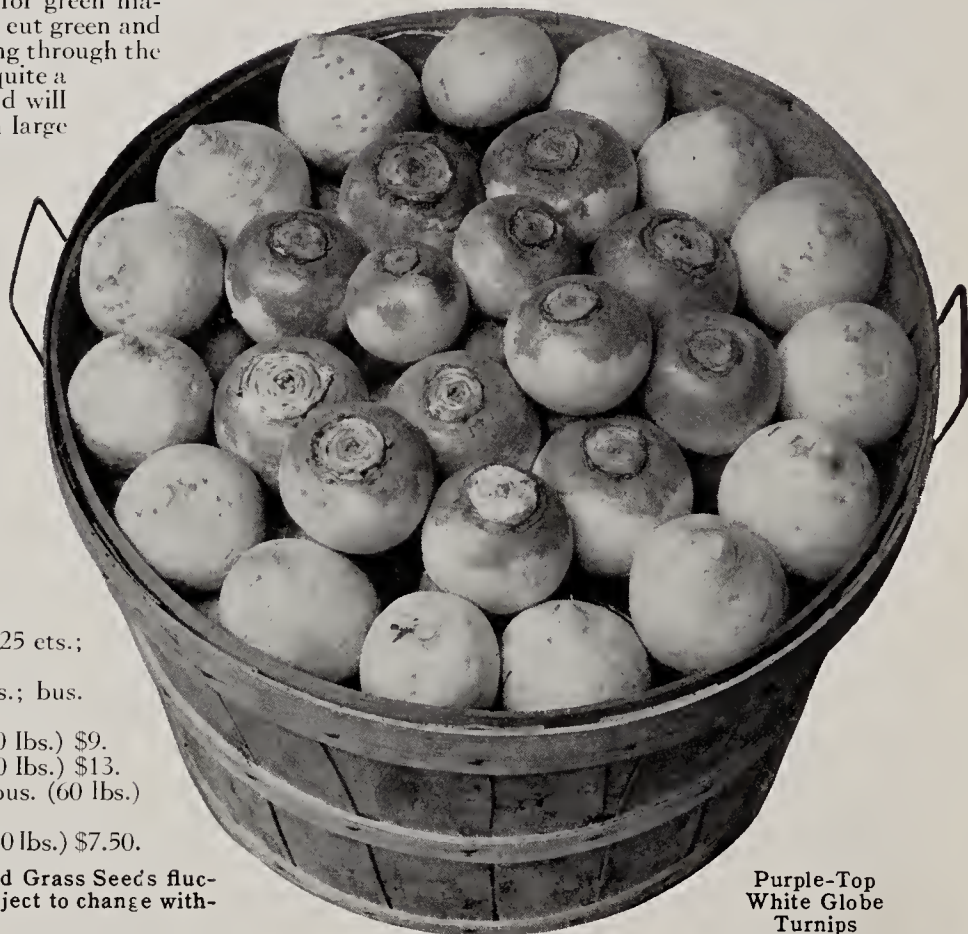
**Alsike.** Lb. 25 cts.; bus. (60 lbs.) \$9.

**Alfalfa.** Lb. 30 cts.; bus. (60 lbs.) \$13.

**White Dutch.** Lb. 60 cts.; bus. (60 lbs.) \$30.

**Crimson.** Lb. 20 cts.; bus. (60 lbs.) \$7.50.

As the market on all Field and Grass Seed's fluctuates, the above prices are subject to change without notice.



Purple-Top  
White Globe  
Turnips

**ABBOTT & COBB**  
Philadelphia, Pa.





## LAWN GRASSES

A beautiful lawn is the pride of every home-owner; but only by careful preparation of the soil can it be realized. Spade or plow deeply, turning in an abundance of well-decayed manure; if that is not available, use a good brand of Sheep Manure instead, at the rate of 25 pounds to 1,000 square feet, or 1,000 pounds to the acre. Practically all lawn seed mixtures use Kentucky Blue Grass as a basis, which thrives only in a sweet soil. Test the soil to learn its condition. Get a sample an inch or two below the surface, sufficient to fill a glass tumbler. Procure from the druggist blue and red litmus paper. Be careful in handling it; the perspiration of the hands may react on it before it is used. Fasten by a paper clip each piece of litmus paper inside the glass, opposite one another, then fill the glass with the soil, pressing it firmly against the litmus paper. If in an hour's time neither the blue nor pink paper has changed color, the soil is neutral, or if the red paper turns blue it is sweet, so treatment is unnecessary; but should the blue litmus paper turn pink then the soil is sour and needs lime to correct the condition. One-half ton to the acre, or 25 pounds to 1,000 square feet will be sufficient.

Rake or harrow the lime in and let the ground stand a week or so until the lime has had a chance to react. After a week use 1,000 pounds of good commercial fertilizer or bone-meal to the acre, harrowing it in. Too much harrowing is impossible, for the better the seed-bed, the better the lawn.

Sow grass seed at the proper time. If in the spring, do the work early so that the young grass plants will become established before the weather gets warm. September-sown seed will become established before cold weather.

We have gone to much expense in compounding our grass seed mixtures, and we know that if our instructions are followed in the preparation of the ground, the seed sown evenly and only lightly covered, that a beautiful velvety lawn will be obtained. Remember that the ground is full of weed seeds, and that when A. & C. grass seed mixtures are used, if weeds are seen growing they came from seeds in the ground; they were not in our lawn mixtures.

**A. & C. SPECIAL MIXTURE.** For the very best results use A. & C. Special Mixture. The extra money paid will more than repay in results. Qt. 50 cts.; 1/2pk. (2 1/2 lbs.) \$1.60; pk. (5 lbs.) \$3; bus. (20 lbs.) \$10.

**A. & C. FANCY** is a good grade of grass seed but does not have so many of the fancy sorts which go to make the highest type of lawn. You will not, however, be disappointed in its results. Qt. 30 cts.; 1/2pk. (2 1/2 lbs.) 90 cts.; pk. (5 lbs.) \$1.60; bus. (20 lbs.) \$6.

**SHADY SPOT** is a special mixture for shaded places. After having sown one of the above mixtures, sow Shady Spot under trees or other shaded places; this will insure a gradual change from one to the other. Qt. 50 cts.; 1/2pk. (2 1/2 lbs.) \$1.60; pk. (5 lbs.) \$3; bus. (20 lbs.) \$10.





## Abbott & Cobb's Choice Flower Seeds

### Ageratum

Attractive blue flowers profusely borne all summer by a compact, low-growing plant that thrives in any soil. One of the most desirable bedding plants. Annual; sow seeds in greenhouse, hotbed or in border where plants are to grow. In a bed, set the plants 1 foot apart. Fall-sown seed gives good winter-blooming plants indoors. 1 to 1½ ft. Pkt. 10 cts.; ¼oz. 25 cts.

### Acroclinium (Everlasting)

Popular both as summer cut-flowers and dried for winter bouquets. Annuals, with pink and white flowers. To preserve them for winter bouquets, pick them just before the flowers have opened, hang in a dry, airy room until dry. The colors remain bright all winter. 2 to 2½ ft. Pkt. 10 cts.; ¼oz. 20 cts.

### Alyssum

**LITTLE GEM.** A free-blooming, beautiful, honey-scented, white-flowered dwarf annual, for edging beds or rock-gardens. Blooms in six weeks from seed. Keep the old faded flowers removed to perpetuate flowering. ½ft. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 50 cts.

### Antirrhinum · Snapdragon

An exquisitely beautiful garden plant which blooms in July if sown indoors in February and continues to produce spikes of handsome flowers till frost. The flowers vary from snow-white to delicate pink, yellow, and deep crimson. 1½ to 2 ft. Pkt. 10 cts.; ¼oz. 50 cts.



Antirrhinum (Snapdragon)





Annual Calliopsis

### Aquilegia · Columbine

**ABBOTT & COBB'S LONG-SPURRED HYBRIDS.** Beautiful white, yellow, pink, scarlet, and blue blooms with long spurs. They prefer moist, well-drained soil in full sun or partial shade. Perennial; sow seeds in July for bloom the following May and June. 2 ft. Pkt. 10 cts.;  $\frac{1}{4}$ oz. \$1.

### Aster

**QUEEN OF THE MARKET.** A very early class with medium-sized blooms that appear three to four weeks before the larger-flowered kinds. Branching plants, with long-stemmed blooms, much used by florists for cut-flowers.  $1\frac{1}{2}$  ft. Mixed Colors, pkt. 10 cts.;  $\frac{1}{4}$ oz. 40 cts.; oz. \$1.25.

**GIANT COMET.** Long, stiff stems, bearing very double, showy flowers with long, wavy, twisted petals, like Japanese chrysanthemums. Wonderful for vases and table decorations, producing exceedingly beautiful effects. 2 ft. Mixed Colors, pkt. 10 cts.;  $\frac{1}{4}$ oz. 40 cts.; oz. \$1.25.

### Balsam · Impatiens

The finest strains of this delightful old plant. Large, double flowers, varying from white to dark blood-red, yellowish and spotted forms. Early May-sown seed will produce plants that bloom from July to frost. Set plants 2 feet apart to get good specimens. 2 to  $2\frac{1}{2}$  ft. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 25 cts.; oz. 75 cts.

### Balsam Apple · Momordica

Tender vines, bearing curious, warted, golden yellow, ovoid fruits, 2 to 3 inches long, which burst open when ripe, showing the seeds and their brilliant carmine interiors. Excellent for training on trellises, over rockwork, or stumps. 10 ft. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 25 cts.

### Calendula · Pot Marigold

A very showy, free-flowering annual that thrives in good garden loam, producing large, lemon or orange shaded, disc-like, double flowers in profusion from June to November; also thrives in pots or benches under glass and is much used by florists.  $1\frac{1}{2}$  ft. Pkt. 10 cts.; oz. 50 cts.

### Calliopsis

Bright yellow and reddish brown, single, daisy-like flowers that thrive in almost any soil in a sunny situation. Sow the seeds where plants are to stand; thin to 8 inches apart each way. A continuous supply of bloom may be assured by keeping all faded flowers removed. A wonderfully attractive cut-flower. Pkt. 10 cts.; oz. 60 cts.

### Campanula · Canterbury Bells

One of the most attractive old-fashioned garden flowers. Large, strong plants, covered in June with large "cup-and-saucer" shaped blooms of blue, pink, or white. Well-grown plants are 2 or more feet high and  $1\frac{1}{2}$  feet broad. They can be lifted when in full bloom and potted for house decoration; good cut-flower. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 50 cts.

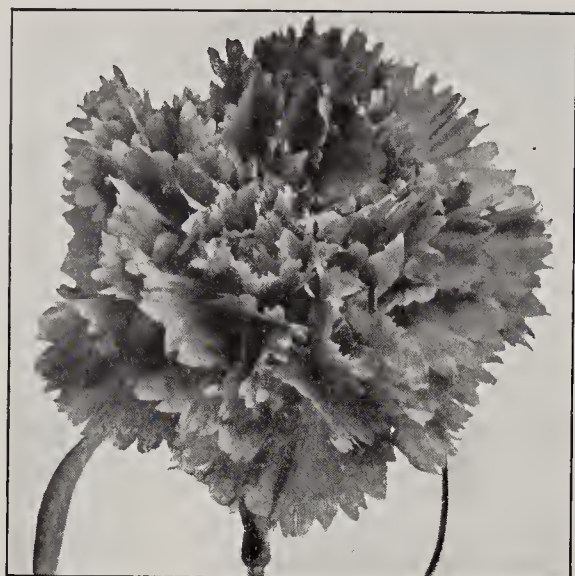
### Candytuft · Iberis

One of the most indispensable annuals. Plants a foot or more high, covered with clusters of small pure white flowers; good for cutting; desirable rockery plants and an excellent edging for beds. Fall-sown plants bloom from May to July; spring-sown flower from July to September. Prefer good soil and a light, airy situation. For cut-flowers make successive sowings every fourteen days. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 20 cts.; oz. 75 cts.



Aquilegia





Carnation

### Carnation

**MARGUERITE.** The earliest Carnation popular for rich color and delicious fragrance. Flowers white ranging through yellow, scarlet, and deep crimson. Plants from seed sown early in the open bloom from July to frost, and, if given some protection, winter well. For early bloom, sow seeds early indoors. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 50 cts.

### Centaurea · Bachelor's Button

One of the commonest old-fashioned flowers beloved by everyone who grows it. Beautiful fringed blue or white flowers, single or double, 1 inch across, are borne from July till frost. An annual; the plants perpetuate themselves by self-sown seeds. 1 to 2 ft. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 30 cts.; oz. \$1.



Centaurea



Celosia

### Castor-Oil Bean · Ricinus communis

Gives a tropical appearance when used as center of bed, or screen. When ground is warm, sow seed in rich soil; thin plants to about  $1\frac{1}{2}$  feet apart. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$ lb. 75 cts.

### Chrysanthemum

Free-flowering, hardy annuals, with double white, yellow, or red flowers from August till November. It is one of the most attractive of the late summer-flowering plants; easily grown; useful for cut-flowers as well as garden decoration. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 30 cts.

### Celosia · Dwarf Cockscomb

One of the showiest annuals. Small flowers of brilliant golden yellow, crimson, or other shades of red, crowded into velvety fasciated masses that resemble a rooster's comb. Very attractive bedding plant. Sow seeds early indoors. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 50 cts.

### Coreopsis

Showy, bright yellow flowers on long, graceful stems, ideally adapted for cutting as well as garden decoration. Blooms over a long season. Seeds sown early bloom the first season, but they will be finer the second year. Pkt. 10 cts.; oz. 50 cts.

### Cosmos

One of the most satisfactory annuals, flowering in late summer. Big daisy-like flowers, 3 to 4 inches across, in white or pink, are borne by strong-growing but very graceful plants 3 to 6 feet high. Sow indoors, or outdoors as soon as the ground is warm; thin to 3 feet apart. For bloom indoors after frost, grow a few plants in 9- or 10-inch pots, pinching them back at frequent intervals until August 1. Unsurpassed as a cut-flower. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 40 cts.

### Delphinium

Perennial Larkspurs are the finest blue flowers for the garden. Shades range from sky-blue almost to black; some varieties pinkish lavender. Mixed colors, pkt. 10 cts.;  $\frac{1}{4}$ oz. 30 cts.





Gaillardia



Eschscholtzia

### Dianthus • Pinks

The sweet fragrance of these delightful single or double white, pink, or crimson flowers is unforgettable. They are borne on 10-inch stems produced by a tuft-like plant with short, narrow, gray-green leaves. Use them to border beds or walks. 1 ft. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 25 cts.

### Digitalis • Foxglove

Tall spires of narrow, bell-like, white, pink, rose, or speckled flowers that add grace to any garden. A biennial; sow seeds in July for flowers next June; once established they reseed themselves. Naturalize them in shrubby plantations or put them at the back of the border. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 30 cts.

### Eschscholtzia • California Poppy

From June to frost a bed of these will be a constant mass of color—brilliant yellow, orange, rosy crimson, wallflower-red, and kindred shades. Sow the seeds early, in good soil in a sunny situation; sometimes it self-sows. An attractive edging for beds because of its blue-green foliage. 1 ft. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 30 cts.

### Four o'Clock • *Mirabilis jalapa*

Marvel of Peru is an old-time annual. Flowers open in late afternoon, remain open all night, and fade in the morning. Brilliant shades of red, pink, white, and yellow; bright foliage. Pkt. 10 cts.; oz. 50 cts.

### Gypsophila • Baby's Breath

A free-flowering annual that thrives in any situation, even dry places, and produces misty white panicles of bloom much used in mixing with other flowers when making bouquets. Desirable for growing on waste places and in rockeries.  $1\frac{1}{2}$  ft. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 20 cts.

### Gaillardia

**ANNUAL.** Brilliant red and yellow daisy-like flowers with brown centers 2 inches across. They thrive in a sunny situation in well-drained, light soil and bloom from July to frost. Sow the seed early where the plants are to grow. 1 to  $1\frac{1}{2}$  ft. Pkt. 10 cts.; oz. 75 cts.

**PERENNIAL.** One of the showiest and most effective hardy perennials. Seeds sown early flower in July, continuing till frost. The flowers are large—3 to 4 inches across. Brownish centers with yellow or red and yellow rays. An excellent cut-flower. 2 ft. Pkt. 10 cts.; oz. 75 cts.



Dianthus





Marigold, Guinea Gold

### Gourds

Vigorous vines for shading porches and arbors. They grow quickly from seed and produce showy yellow flowers, followed by curious fruits of many shapes and colors. Pkt. 10 cts.; oz. 30 cts.

### Hollyhocks

No garden is complete without at least a few plants of these stately, time-honored flowers. Tall spikes, 6 to 7 feet, with 4-inch white, pink, or red flowers that open in July, continuing until August. Seed started in a hotbed in February will bloom the same season. Plant among shrubbery, in angles of the house, fence-corners, along fences, and border beds. Keep all diseased leaves removed and remove all old stalks and leaves at the end of the season, to prevent trouble from rust. Pkt. 10 cts.; 1/4oz. 30 cts.

### Larkspur

Probably the best-known hardy annual. Large white, pink, scarlet, and blue flowers, 1 1/2 inches across, with spurs of equal length, on long stems; fine for cut-flowers. Prefer deep, rich, sandy loam in a sunny situation; deep digging is essential. For the earliest bloom, sow seeds in fall; they germinate slowly. 2 ft. Mixed colors, pkt. 10 cts.; 1/4oz. 30 cts.

### Marigold

A profusion of large, double, yellow or orange flowers are borne continuously till frost by robust plants 2 to 2 1/2 feet tall. A most desirable bedding plant; also good for filling in the perennial and mixed borders. Mixed colors, pkt. 10 cts.; 1/4oz. 20 cts.

**GUINEA GOLD.** Splendid new Marigold with loosely arranged broad petals of glowing yellow, very bright and luminous. Finest of all Marigolds for cutting. Pkt. 25 cts.; oz. \$1.25.

### Mignonette • *Reseda odorata*

Sweet Mignonette is a lovely plant with rather long spikes of deliciously fragrant flowers. Early sown seed will give plants that bloom all summer. Pkt. 10 cts.; 1/4oz. 20 cts.

### Myosotis • Forget-me-not

Exquisite, small, delicate blue flowers, borne in profusion from May till frost. Thrive in shaded situations in moist soil. Sow seed up to midsummer where plants are to stand; give slight mulch. Later sown seed must be wintered in a coldframe. Pkt. 10 cts.; 1/4oz. 25 cts.

### Morning-Glory

Probably the freest flowering annual vine and one of the most rapid-growing. It thrives in any situation and soil, producing a profusion of large blooms in white, pink, purple, and intermediate shades, from June till frost. Most desirable for covering fences, walls, trellises, and unsightly objects. Mixed colors, pkt. 10 cts.; 1/4oz. 25 cts.

### Nasturtium

A most satisfactory annual. It thrives in any soil in a sunny situation, and even dry weather does not dim its glory. From July to frost the plants are covered with bloom. Our carefully made mixtures contain a well-balanced assortment of colors which range from white to deepest crimson-maroon.

**GOLDEN GLEAM.** Glorious double Nasturtium of pure sunny yellow, long lasting, and fragrant. Plants are compact and literally cover themselves with flowers. A valuable novelty. Pkt. 25 cts.; oz. \$1.25.

**TOM THUMB (DWARF) MIXTURE**, pkt. 10 cts.; oz. 20 cts.; 1/4lb. 50 cts.

**TALL or CLIMBING MIXTURE**, pkt. 10 cts.; oz. 20 cts.; 1/4lb. 50 cts.



Double Nasturtium, Golden Gleam

**ABBOTT & COBB**  
Philadelphia, Pa.





Phlox Drummondii

### Pansy

Our seed is most carefully selected, and if the plants are given a cool, moist soil, protected from harsh winds and the mid-day sun, unusually large flowers will be produced. Their color is unsurpassed in brilliancy and markings. Sow seeds in mid-summer and protect plants over winter in a cold-frame. The blooms on plants from spring-sown seed will not be as large on account of summer heat. Mixed colors, pkt. 25 cts.;  $\frac{1}{4}$ oz. \$1.50; oz. \$5.

### Petunia

For window- and porch-boxes, as well as for bedding, Petunias are very effective. Their large, trumpet-shaped, ruffled flowers vary from white to dark purple-violet and are borne in abundance from June to frost, and if kept indoors will bloom all winter. Our seed is carefully selected. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 30 cts.

### Phlox

Showy annuals of easy cultivation, useful for beds, mixed borders, and cut-flowers. Brilliant flowers in shades of white, pink, crimson, and violet are abundantly produced in flat clusters. Easily raised; sow seed where the plants are to grow; preferably in light, well-drained soil. Mixed colors, pkt. 10 cts.;  $\frac{1}{4}$ oz. 30 cts.

### Portulaca

Beautiful little plants with cylindrical, pale green leaves and reddish stems that bear an abundance of shining flowers of yellow, orange, or scarlet. It frequently reseeds itself. Very valuable in rockeries, as edging to beds, or broadcast over sunny banks. It is the best covering for dry, sunny places, thriving on less water than most garden plants. Mixed colors, pkt. 10 cts.;  $\frac{1}{4}$ oz. 75 cts.



Single Petunias



Pansy





Primula



Salvia (Scarlet Sage)



Scabiosa



Dianthus barbatus

### Primula • Chinese Primrose

One of the most charming winter-flowering house plants; easily grown and free from insect pests. Our seed was grown for us by one of the most celebrated English Primrose specialists. The flowers are remarkable for their size, beauty, brilliancy of color, and substance of petals; colors, white, pink, red.  $\frac{1}{2}$  to  $\frac{3}{4}$  ft. Mixed colors, pkt. 10 cts.;  $\frac{1}{4}$  oz. \$1.

### Salvia • Scarlet Sage

One of the best late summer- and fall-flowering plants. The tall, compact bushes, with dark green foliage, are literally ablaze with brilliant scarlet blooms until hard frosts kill them. Start the seed in the house or hotbed, transplanting to the open when danger of frost is over. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 75 cts.; oz. \$2.50.

### Scabiosa

Under the name of Mourning Bride this plant was known in old-time gardens. It has been vastly improved, and the flowers are excellent for cutting. Mixed colors, white, pink, maroon, yellow, scarlet, and crimson. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 20 cts.

### Scarlet Runner Beans

A rapid-growing climber, with intense scarlet flowers followed by long pods of edible beans. Desirable for trellis, porch, or fence covering. Pkt. 10 cts.; lb. 35 cts.

### Sweet William

Free-flowering, showy perennial; a garden favorite for generations. Once established in good soil the plants last for years. Sow seeds in spring or early fall where plants are to grow. We have mixtures of both tall and dwarf forms. Price of either mixture, pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.

ABBOTT & COBB  
Philadelphia, Pa.





Verbenas

### Stocks

Delightfully fragrant garden flowers in long spikes of various colors, with the delicious scent of carnations. They bloom quickly from seed. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 30 cts.; oz. \$1.

### Sweet Peas

The flowers of Spencer Sweet Peas are often 2 inches across, their petals beautifully waved and crinkled, in delicate shades varying from white, scarlet, crimson, coral, pink, and lavender to deep purple; borne on long stems. They have a longer blooming season by a month than the ordinary early blooming sorts. Mixed colors, pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 60 cts.; lb. \$2.

### Verbena

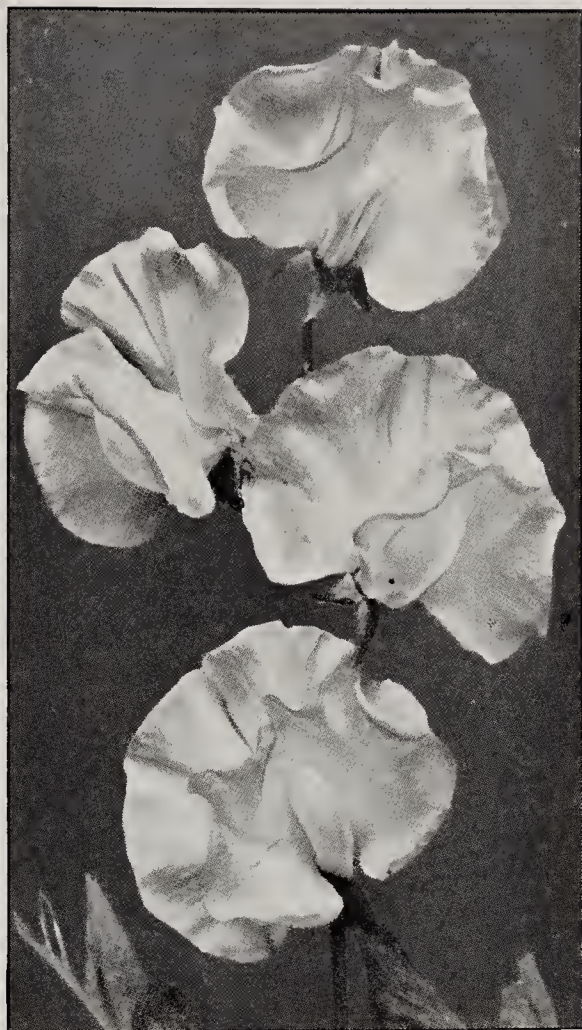
An old favorite bright-colored bedding plant whose sweetly scented white, pink, scarlet, blue, and purple flowers are borne in large, flat clusters profusely from June till frost. Sow seeds in the house or hotbed to get early flowering plants. Pkt. 10 cts.;  $\frac{1}{4}$ oz. 30 cts.

### Wallflowers

Half-hardy perennials bearing large clusters of rich yellow, red, or orange-brown, deliciously fragrant flowers. Seed sown in March or April in a warm house will flower the following winter in a cool greenhouse, or they may be kept over in coldframes for spring bloom. Mixed colors, pkt. 10 cts.;  $\frac{1}{4}$ oz. 30 cts.

### Zinnia

A very hardy annual blooming in late summer and fall until heavy frosts kill the plants. Large golden yellow or scarlet blooms 2 to 4 inches across that retain their beauty for weeks, are borne in great profusion. Mixed colors, pkt. 10 cts.;  $\frac{1}{4}$ oz. 40 cts.



Sweet Peas



Mammoth Zinnia



# Fertilizers

**ASHES, HARDWOOD.** Apply 1,000 lbs. per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top-dressing lawns and grass fields it is applied to best advantage either in very early spring or late fall. 25 lbs. \$1; 50 lbs. \$1.75; 100 lbs. \$3; 200-lb. bbl. \$5; 1,000 lbs. \$22.50; ton \$40.

**BONEMEAL.** Apply 800 to 1,000 pounds per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose-beds and greenhouse use. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. \$1; 50 lbs. \$1.75; 100 lbs. \$3; 200 lbs. \$5.50; 1,000 lbs. \$25; ton \$48.

**HUMUS (Alphano).** An excellent article to incorporate with poor soil in the garden or greenhouse, especially desirable for mixing with potting soil. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. \$1; 100 lbs. \$2.25; 500 lbs. \$9; 1,000 lbs. \$16; ton \$30.

**LIME.** For lawn or field use. Very finely pulverized. Corrects acid soils, also breaks up clay soils. Hydrated, 10 lbs. 30 cts.; 100 lbs. \$1.75.

**NITRATE OF SODA.** Apply 100 to 150 pounds per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form, dilute 2 ounces to 1 gallon of water and do not apply oftener than twice a week. 5 lbs. 40 cts.; 10 lbs. 75 cts.; 25 lbs. \$1.35; 50 lbs. \$2.50; 100 lbs. \$4; 200 lbs. \$7; 1,000 lbs. \$32; ton \$60.

**PEAT MOSS (Torf Mull).** Imported, Granulated. A moisture-retaining humus and an aid for saving soil-fertility. It furnishes the needed organic matter which all soils require. For lawns, cover lightly in the spring with Peat Moss and occasionally during the summer, with a heavy covering in the autumn. For roses, dig deeply and incorporate with the soil Peat Moss to the depth of 6 inches, before spading. For the flower-garden, spread evenly from 3 to 6 inches deep a covering

Peat Moss, continued

of Peat Moss, mixing well with the soil. For window- or porch-boxes, mix a good proportion of Peat Moss with some rich compost or soil. For the greenhouse, mix Peat Moss with the potting soil. Small bale \$1.75; medium bale \$2.25; large bale \$3.

**PHOSPHATE, HIGH-GRADE.** For all vegetable crops, grains, grass, etc. Apply 800 to 1,000 pounds per acre broadcast. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. \$1; 50 lbs. \$1.75; 100 lbs. \$3; 200 lbs. \$5.25; 1/2 ton \$20; ton \$40.

**PLANTABBS.** An odorless plant-food in tablet form, for all plants in the house or garden. They dissolve in water almost instantly and make a wonderful liquid fertilizer. Pkg. of 30 tablets 25 cts.; 75 tablets 50 cts.; 200 tablets \$1 (by Parcel Post, \$1.10); 1,000 tablets \$3.50 (by Parcel Post, \$3.65).

**SHEEP MANURE.** Apply 1,000 pounds per acre. For garden, lawn or greenhouse use, nothing surpasses Sheep Manure; it is clean and easily handled, besides giving immediate results. Prices, f.o.b. Philadelphia. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. \$1; 50 lbs. \$1.75; 100 lbs. \$3.25; 500 lbs. \$15; 1,000 lbs. \$27.50; ton \$50.

**SULPHATE OF AMMONIA.** Apply 75 to 100 pounds per acre only with other fertilizers deficient in nitrogen. A valuable fertilizer for all plants in which a large leaf-development or rapid growth is desired; will stimulate growth almost immediately. Also used for top-dressing lawns, producing a thick, velvety growth and discouraging the weeds. Analysis equal to 25 per cent of ammonia. 5 lbs. 75 cts.; 10 lbs. \$1.25; 25 lbs. \$1.75; 50 lbs. \$3; 100 lbs. \$5; 200 lbs. \$9.

**TOBACCO STEMS.** For fumigating, mulching, and fertilizing. Bus. 60 cts.; bbl. sack \$1.25; in large bales at 2 cts. per lb., 1/2 ton \$15; ton \$27.50.



Success Is Yours  
...WHEN YOU USE

**VIGORO**  
Specially prepared plant food

There is no secret in having a velvety lawn, colorful flowers, crisp, succulent vegetables, luxuriant shrubbery, and stately trees. You can enjoy these beauties of nature if you use good seeds, plants, bulbs and the right plant-food.

VIGORO, a plant-food specially and scientifically prepared by experts, adds BEAUTY and VIGOR to all plant-life.

Thousands of home-owners have come to rely on VIGORO as the ECONOMICAL, PRACTICAL, and EFFECTIVE way to secure finest results.

ECONOMICAL—because the cost is only 10 to 20c. for every 100 square feet.

PRACTICAL—because it is clean, odorless, easy to apply—can be sown by hand like grass seed, or applied with an ordinary kitchen colander.

EFFECTIVE—because it contains all of the elements of plant-food required to produce early, vigorous growth and bring fruit, flowers, and foliage to full development. COMPLETE DIRECTIONS IN EVERY BAG.

Endorsed by Leading Landscape Gardeners and Nurserymen

100-lb. bag . . . \$4 00

50-lb. bag . . . 2 50

25-lb. bag . . . 1 50

10-lb. pkg. . . . \$0 85

5-lb. pkg. . . . 50

12-oz. pkg. . . . 10

A SWIFT & CO. PRODUCT



ABBOTT & COBB  
Philadelphia, Pa.



# Insecticides and Fungicides

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Only those Insecticides marked (\*) can be mailed. Postage extra

**ARSENATE OF LEAD** (Dry Powder Form). The more popular form, owing to its economical ways of being applied (can be used either as dusting powder or diluted in water). 1 to 2 lbs. per acre. Diluted in water, 1 lb. to 50 gals. Lb. 25 cts.; 4 lbs. 75 cts.; 25 lbs. \$4.25.

**BLACK-LEAF 40.** A concentrated nicotine spray for all sucking insects. Oz. 35 cts.; 5 ozs. \$1; 2 lbs. \$3.50; 10 lbs. \$11.85.

**BORDEAUX MIXTURE** (Powdered). Used same as Bordeaux Mixture Paste or Liquid. Also used for dry dusting. Dilutes 1 lb. to 8 gal. of water. Lb. 25 cts.; 5 lbs. \$1; 10 lbs. \$1.90.

**COATED ARSENATE OF LEAD.** For use against Japanese beetles on fruit or shade trees; only one spraying is necessary. Use 5 lbs. to 50 gals. water before beetles become established. Lb. 60 cts.; 2½-lb. jar \$1.25; 10 lbs. \$3.50.

**HELLEBORE, POWDERED WHITE.** Less poisonous than Paris Green and safer to use where fruit is nearly ripe. ½lb. 30 cts.; lb. 50 cts.

**EVER GREEN INSECTICIDE.** A non-poisonous insecticide, recommended for killing a wide variety of insects on plants and flowers. Oz. 35 cts.; 6 ozs. \$1; 16 ozs. \$2; qt. \$3.50; gal. \$11.50; 5 gals. \$45.

**\*LEMON OIL INSECTICIDE.** Used by nearly all the leading growers. It effectually destroys mealy bug, scale, thrip and red spider. ½pt. 30 cts.; pt. 50 cts.; qt. 85 cts.; ½gal. \$1.50; gal. \$2.50; 5-gal. keg \$10.

**MELROSINE.** The only remedy endorsed by leading authorities. The general contact insecticide that kills rose-bugs and other insects. Used with any good spray pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use. Guaranteed effective when used according to directions on can. Gal. \$6; ½gal. \$3.25; qt. \$1.75; pt. \$1; trial size 50 cts. By mail or express at customer's expense. Or Trial Size, sufficient to make one gallon when diluted and care for several plants for the season, post-paid for 60 cts.

**LIME-SULFUR SOLUTION.** For all scale insects on trees and shrubs; also of benefit for such fungous bark diseases as can be treated in winter. Must be diluted and applied with a spray pump while the trees are dormant, after the leaves have fallen in fall and before the buds swell in spring. It can be used quite strong during mid-winter. One gallon to 10 gallons of water. Qt. 45 cts.; ½gal. 75 cts.; gal. \$1.15.

**LIME-SULFUR** (Dry Powdered). The most efficient form of this highly celebrated spraying compound. Dissolves instantly in cold or hot water. Use at rate of 10 pounds to 50 gallons of water. Lb. 35 cts.; 5 lbs. \$1.40; 10 lbs. \$2.50; 25 lbs. \$4.25; 50 lbs. \$8; 100 lbs. \$14.

**NICOFUME PAPER.** For fumigating greenhouses, conservatories, etc. Per box of 24 sheets, \$1.50; 144 sheets, \$5; 288 sheets, \$8.75.

**NICOFUME TOBACCO POWDER** (*Fumigator*). A 12½ per cent nicotine fumigator for greenhouse use; burns efficiently and dispenses dense fumes of nicotine; complete with directions in each can. Lb. \$1.15; 5 lbs. \$3.75; 10 lbs. \$6.85.

**PYROX.** A general spray for all eating insects and fungous troubles. One pound makes 5 gallons of spray material. Lb. 50 cts.; 5 lbs. \$1.75; 10 lbs. \$3; 25 lbs. \$6.25.

**PARIS GREEN.** Applied as a powder it should be mixed with plaster or flour, 100 parts to 1 part of Paris Green; in solution, mix 1 pound to 100 gallons of water. ½lb. 30 cts.; lb. 50 cts.; 5 lbs. \$2.25; 14 lbs. \$4.75.

**P. T. B. PARA-DICHLOROBENZENE.** A successful remedy for peach tree borers. Directions with each package. Lb. 60 cts.; 5 lbs. \$2.40; 10 lbs. \$4.

**\*SCALECIDE.** Used for the destruction of the San José scale. Dilute at the rate of 1 gallon Scalecide to 20 gallons water. Scalecide does not clog nozzles, hose, or pump, and is pleasant to use. Spray during the winter or early spring when the trees are dormant. Qt. 75 cts.; gal. \$1.75; 5 gals. \$6.25; 10 gals. \$10.50; 30 gals. \$25; 50 gals. \$36.

**\*SLUG-SHOT.** One of the old and well-known remedies for destroying slugs, currant worms, cabbage worms, and all of the soft-shelled insects which trouble vegetation. Lb. 25 cts.; 5 lbs. 75 cts.; 10 lbs. \$1.10.

**\*SUNOCO SPRAY OIL.** For the control of scale insects, red spider, aphids, thrip, etc. Cheap, effective, and pleasant to handle. Gal. \$1.25; 5 gals. \$5; 15 gals. \$11; 30 gals. \$17; 50 gals. \$25.

**\*TOBACCO DUST, FINE.** For green and black aphids, flea-beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25-lb. bag \$1; 50-lb. bag \$1.80; 100-lb. bag \$3.50.

**\*TREE TANGLEFOOT.** An absolute safeguard against all creeping insects on trees. Apply with paddle, making a band around the trees 3 inches wide. Lb. can (mail weight, 2 lbs.) 60 cts.; 5-lb. can (mail weight, 6 lbs.) \$2.75.

**\*FISH-OIL SOAP (WHALE-OIL SOAP).** An excellent wash for trees and plants where insects and eggs affect the bark. Lb. 25 cts.

**WEED KILLER.** The method of killing weeds thoroughly by application of this liquid has become general. Used only on paths, drives, gutters, and places where no growth is wanted. One gallon makes 40 gallons of treating liquid. Qt. 40 cts.; gal. \$1.75.



## SEMESAN

To destroy fungous growth or spores of bacterial blights, rots, or rusts, all seeds should be dusted with or soaked in a solution of it before planting.

2 ozs. ....	\$0 50
1 lb. ....	2 75
5 lbs. ....	13 00
25 lbs. ....	56 25
100 lbs. ....	220 00



The Best Inoculation for All Legume Seeds, Means Better Crops, Better Soils, Less Fertilizer Expense. Alfalfa, Clovers, Soybeans, Cowpeas, Vetch—all thrive into bumper crops when inoculated with STIMUGERM pure-bred cultures.

**Small Seeds.** 2½-bus. unit, \$2.25; 1-bus. unit, \$1; ½-bus. unit, 60c.; ¼-bus. unit, 35c.

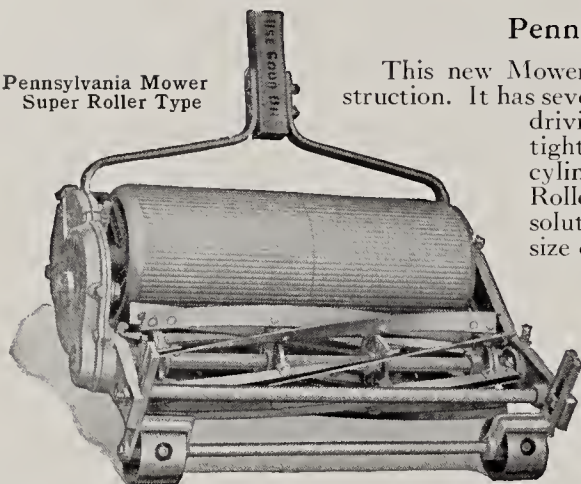
**Large Seeds.** 5-bus. unit, \$2.25; 2-bus. unit, \$1.10; 1-bus. unit, 60c.; ½-bus. unit, 35c.

When ordering, be sure to state what crops you wish to inoculate, also number of bushels you will sow.



# Lawn Mowers and Supplies

Pennsylvania Mower  
Super Roller Type



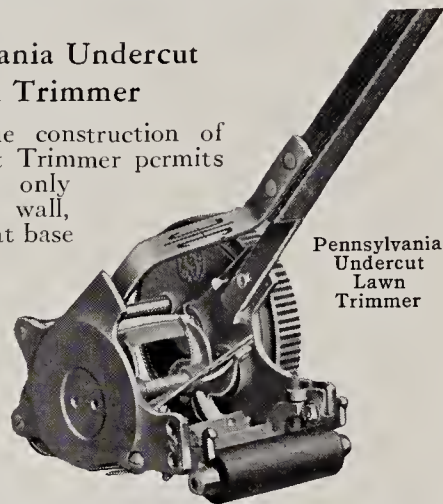
## Pennsylvania Mower, Super Roller Type

This new Mower for golf greens is the last word in Lawn-Mower construction. It has seven crucible steel blades in a high-speed cylinder, aluminum driving-drums, and train of cut gears running in a grease-tight case. Intermediate gear on roller bearing; drums, cylinder, and front caster wheels on ball bearings. The Super Roller Mower is light running, easy to push, and cuts absolutely without ridging the greens. Weight only 55 lbs. One size only. 18-inch cut, \$50. Grass-Box, \$8. Carriage, \$5.

fence, tree, etc., but it will get the grass under a fence or rock, cut at base of tombstones, house-foundations, and other places hitherto out of reach of anything but hand-shears. The slanting side-plate and conical cylinder make it possible to cut all grass which the regular Lawn Mower will not reach. Ball bearing, with 9½-inch drive-wheel; 4-blade cylinder. \$10.50.

## Pennsylvania Undercut Lawn Trimmer

The unique construction of the Undercut Trimmer permits cutting not only close to a wall,

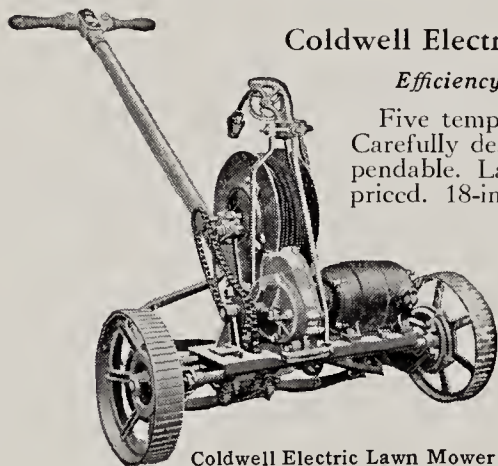


Pennsylvania  
Undercut  
Lawn  
Trimmer

## Coldwell Electric Lawn Mower

*Efficiency, Simplicity and Power*

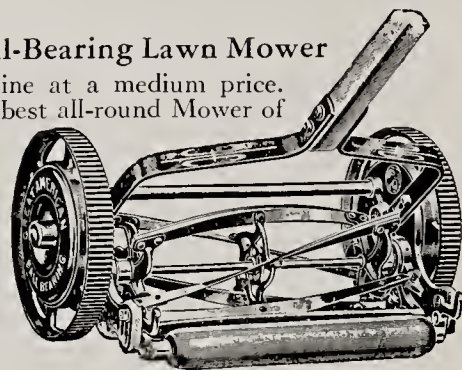
Five tempered crucible steel blades. Carefully designed and constructed. Entirely practical and thoroughly dependable. Large capacity for fine work. Inexpensive to operate. Moderately priced. 18-in. cut, \$150; 21-in. cut, \$165.



Coldwell Electric Lawn Mower

## Great American Ball-Bearing Lawn Mower

A high-class machine at a medium price. It is regarded as the best all-round Mower of its type. The perfectly fitting ball cups and cones insure an easy running machine.



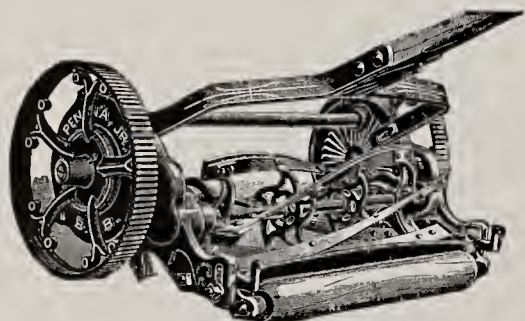
Great American Ball-Bearing Lawn Mower

10-in. wheels, 5-blade cylinder, 6-in. diameter

15-in.....	\$19 00	19-in.....	\$24 50
17-in.....	22 00	21-in.....	27 50

## Pennsylvania Jr. Ball-Bearing Mower

To get the best results from this machine, which does exceptionally fine work, the lawn should be mowed at regular intervals. It cuts the grass shorter than the 4-bladed machine, hence requires mowing at stated periods when the grass is growing rapidly.



Pennsylvania Jr. Ball-Bearing Mower

8-in. or low wheel, 5-blade cylinder, 5½-in. diameter

12-in.....	\$16 00
14-in.....	19 00
16-in.....	22 00
18-in.....	25 00

10-in. or high wheel, 5-blade cylinder, 6-in. diameter

15-in.....	\$24 00
17-in.....	27 50
19-in.....	31 00
21-in.....	34 50

We can also supply the Pennsylvania Standard in same sizes and prices as above.

**ABBOTT & COBB**  
Philadelphia, Pa.



# PLANET JR. TOOLS

72-page Planet Jr. Catalogue free. Describes 70 tools. Includes Seeders, Wheel Hoes, Horse Hoes, Harrows, Orchard and Beet Cultivators. Write postal for it

Planet Jr. Tools save time, lighten labor, and get bigger, better crops at less cost. Designed by a practical farmer and manufacturer with over forty years' experience. Last a lifetime. Fully guaranteed.

## No. 3 Planet Jr. Hill and Drill Seeder

Holds 3 quarts of seed. A favorite among onion-growers, market gardeners, and seedsmen.

Price, \$16.50



Sows accurately in large or small quantities in drills in a narrow line, making wheel-hoe cultivation easy, or in hills, 4, 6, 8, 12, or 24 inches apart. Force feed.

The flow of seed is instantly started or stopped by the cut-off rod. No seed wasted at end of rows.

## No. 17 Planet Jr. Single Wheel Hoe

Steel frame and wheel  
Price, \$7.35

The highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman, or boy. Will do

all the cultivation in your garden and in the best, easiest, quickest way.



## No. 119 Garden Plow and Cultivator

Price, \$4.25



A new tool for those who prefer the extra-high wheel on their garden Cultivator. The wheel is 24 inches high, and has a 1½-inch rim; has a complete set of cultivating tools—plow, narrow and wide cultivator teeth, three-prong tooth, and scuffle hoe for weed cutting. Handles have plow-handle grips. A well-made, substantial tool at an attractive price.



## Planet Jr. Edger No. 2

The Planet Jr. Grass Edger assists wonderfully in producing an attractive walk. \$1.50 (mailing weight 4 lbs.) Postage extra.

## No. 12 Planet Jr. Double Wheel Hoe Cultivator and Plow

Price, \$10.25



A Single and Double Wheel Hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.

## No. 101 Planet Jr. Cultivator

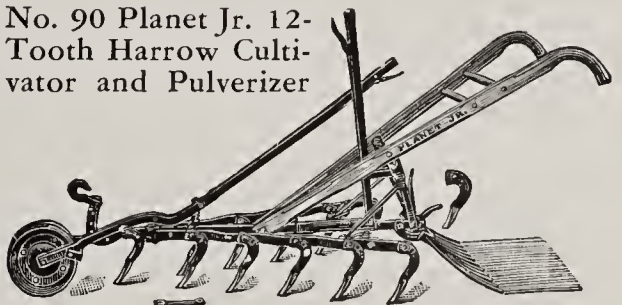
Price with wheel, \$9.90

No. 101D, without wheel,  
\$8.30



A new and improved Cultivator sold at a low price. Stop in and see it. It will please you.

## No. 90 Planet Jr. 12-Tooth Harrow Cultivator and Pulverizer



Complete with steel wheel, \$15.50

No. 90B (without pulverizer), \$12.75

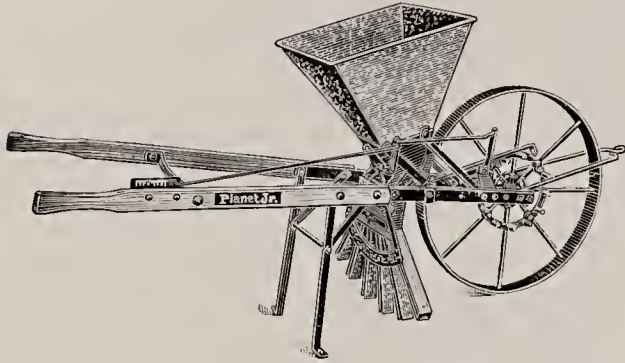
This tool has become a special favorite with strawberry, tobacco, and sugar-beet growers, market gardeners, truckers, and farmers, because of its 12 chisel-shaped teeth. The teeth and pulverizer leave the ground in fine condition. Depth can be regulated instantly. Cultivates any width from 12 to 32 inches. Handles adjust up, down, and sidewise, saving hands and clothes.

## Planet Jr. Seed Attachment No. 35

For hotbed or greenhouse work. Can also be attached to the No. 119 Wheel Hoe or all Single and Double Wheel Hoes. Without Handle, \$6.25. With Handle, \$6.75.



# Miscellaneous Supplies



## No. 200 Planet Jr. Fertilizer Distributor

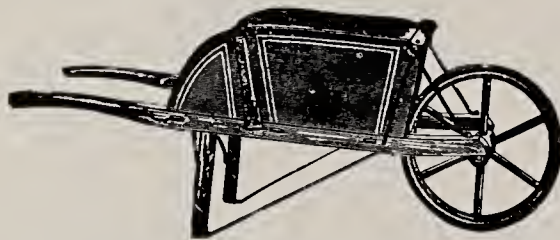
A thoroughly practical, well-built implement for distributing fertilizer evenly and thoroughly. It will handle 100 to 2,000 pounds per acre and can be adjusted to fertilize rows as close as 9 inches or as far apart as 4 feet. The economy in material and the saving in labor makes Planet Jr. No. 220 Fertilizer Distributor a profitable investment for every market gardener or farmer. Price \$26.



## Broadcast Seed Sower

For accurately sowing timothy, clovers, millets and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

	Each
Cahoon.....	\$5 00
Cyclone.....	2 25



## Farm and Garden Wheelbarrows

One of the most useful articles on the list of garden and lawn tools. Materials are selected oak mortised and bolted together, strengthened with six iron braces, made substantial, light and for long service. Wheels are 3-inch tread.

No.	Tire in.	Length in.	Depth in.	Width in.	Price
1	2 3/4	30	12	25	\$9 25
2	2 3/4	28	12	24	8 00
3	2 3/4	26	12	22	7 75
4	1 3/4	22	9	18	5 50

## The Auto Spray

### The Self-Operating Automatic Sprayer

This machine is one of the strongest and most simple in its parts. The pump is locked by means of sliding cam, which prevents wear, gives long service, and renders all parts instantly accessible. Reservoir holds 4 gallons, but should not be over two-thirds full of solution when ready for spraying. About two pumpings will empty the tank, and the operator has only to direct the spray. It can be used in the garden for small trees and shrubs, spraying weeds, spraying cattle, or whitewashing.



Cylinders are made of both galvanized iron and brass, with locked seams. It can be carried in the hand or used as a knapsack sprayer.

### Equipment

No. 1A. Brass Tank with Stop Cock .....	\$9 00
No. 1B. Brass Tank with Auto Spray.....	9 50
No. 1C. Galvanized Tank with Stop Cock...	6 00
No. 1D. Galvanized Tank with Auto Spray...	6 50

Postage extra. Mailing weight, 10 lbs.

Extension Pipes. 2-foot lengths for spraying tall shrubs and trees; solid brass..... 50

Brass Strainer. For straining lumpy liquid... 1 20

Brass Auto-Pop Nozzle. Shown in cut, part of No. 1B equipment. When sold separately. 1 50

Auto-Pop. With hose and fittings..... 2 00



## Keystone Water Ballast Rollers

Fill with water, which will weight it to any desired number of pounds, as shown below. Equipped with a device for keeping handles stationary.

No.	Sec-tions	Diam. in.	Lgth. in.	Wt. empty	Wt. filled	Price
601	1	14	24	60	250	\$17 00
602	1	18	24	85	330	20 00
603	1	24	24	100	440	23 00
604	1	24	32	135	590	26 00

ABBOTT & COBB  
Philadelphia, Pa.



Frankford, Philadelphia, Pa.

Send by \_\_\_\_\_ on \_\_\_\_\_ 1933 to Station or Express \_\_\_\_\_  
 (Parcel Post, Express or Freight) (Shipping Date) (Only if different from Post Office)

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